

HC80-1-B13

Hawaii

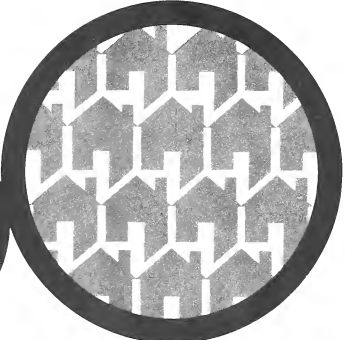
Census
REF
HD
7293
.A56x
1982
v.1
ch. B
pt. 13
c.1

REFERENCE COPY
CHARACTERISTICS OF HOUSING UNITS

Detailed Housing Characteristics

HAWAII

1980



Census of Housing

*Bureau of the Census
Library*

88 2286

U.S. Department of Commerce
BUREAU OF THE CENSUS

Census
REF
HJ
7293
A55x
1990
ch. B
pt. 13-15

1980

Census of Housing

VOLUME 1
CHARACTERISTICS OF HOUSING UNITS

CHAPTER B

Detailed Housing Characteristics

PART 13

HAWAII

HC80-1-B13

Issued May 1983



U.S. Department of Commerce
Malcolm Baldrige, Secretary
Robert G. Dederick,
Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS
Bruce Chapman, Director

Data Index

This index provides a summary listing of the tables in which the particular data are presented. A detailed finding guide—by table—appears on page III. For a listing of the individual tables and their page numbers, see page 1.

	Table
Summary Data for Areas, Places, and Counties	
Selected Characteristics	54, 55, 56, 57, 58, 59
Data for the State	
Structural Characteristics	60, 63, 64, 65, 66, 67
Equipment and Plumbing Facilities	61, 63, 64, 65, 66, 67
Fuels and Financial Characteristics	62, 68, 69, 70, 71, 72
Data for Areas and Places of 50,000 or More	
Structural Characteristics	73, 76, 77, 78, 79, 80
Equipment and Plumbing Facilities	74, 76, 77, 78, 79, 80
Fuels and Financial Characteristics	75, 81, 82, 83, 84, 85
Data for Places of 10,000 to 50,000	
Structural Characteristics	86, 89
Equipment and Plumbing Facilities	87, 89
Fuels and Financial Characteristics	88, 90
Data for Places of 2,500 to 10,000	
Selected Characteristics	91, 92
Data for Counties	
Structural Characteristics	93, 96
Equipment and Plumbing Facilities	94, 96
Fuels and Financial Characteristics	95, 97
Data for Rural Housing Units	
Occupancy, Utilization, Plumbing, and Financial Characteristics	98
Selected Characteristics	100
Data for Rural Farm Housing Units	
Occupancy, Utilization, and Plumbing Characteristics	99
Selected Characteristics	101
Data for American Indian Reservations	
Selected Characteristics	102

BUREAU OF THE CENSUS
LIBRARY



BUREAU OF THE CENSUS

Bruce Chapman, Director

C. L. Kincannon, Deputy Director

HOUSING DIVISION

Arthur F. Young, Chief

Acknowledgments

Many persons participated in the diverse activities of the 1980 census. These acknowledgments generally reflect staff during the post-census data publication process. The Bureau was guided by Director, Bruce Chapman and Deputy Director, C. L. Kincannon. Primary direction of the data publication program was performed by William P. Butz, Associate Director for Demographic Fields, assisted by Peter A. Bounpane, Assistant Director for Demographic Census, in conjunction with Barbara A. Bailer, Associate Director for Statistical Standards and Methodology, Howard N. Hamilton, Acting Associate Director for Information Technology, James D. Lincoln, then Associate Director for Administration, and Stanley D. Moore, Associate Director for Field Operations. The Director's staff was assisted by Sherry L. Courtland. Direction of the census enumeration and early processing activities was provided by Vincent P. Barabba, former Director; Daniel B. Levine, former Deputy Director; and George E. Hall, former Associate Director.

Responsibility for the overall planning, coordinating, processing, and publication of the 1980 census was in the Decennial Census Division under the direction of Stanley D. Matchett, Chief, assisted by Rachel F. Brown and Roger O. Lepage, Assistant Division Chiefs. The following Branch Chiefs were responsible for support services: Donald R. Dalzell, H. Ray Dennis, Stephen E. Goldman, Dennis W. Stoudt, and Richard R. Warren.

Responsibility for developing the housing portion of the 1980 census questionnaire content, designing the tabulations, and preparing this report was in the Housing Division under the supervision of Arthur F. Young, Chief, Leonard J. Norry, Assistant Chief, and William A. Downs, Branch Chief. This report was prepared by Joyce A. Aso, Robert W. Bonnette, Sherry A. Briscoe, Donald P. Fischer, and Gregory K. Sprows. Important contributions were made by Carmina F. Young.

Administrative support was provided by the Administrative Services Division, Robert L. Kirkland, Chief, and William C. Fanning, Assistant Chief.

Computer processing was performed in the Computer Operations Division, C. Thomas DiNenna, Chief, James E. Stead, George M. Bowden, and Joseph J. Sferrella, Assistant Chiefs.

Questionnaire processing procedures were developed in the Decennial Processing Staff, James S. Werking, then Chief, under the direction of Harry O'Haver, then Assistant Chief. The clerical coding and microfilming of the sample questionnaires were performed at three decennial processing locations as follows: Data Preparation Division, Don L. Adams, Chief; Jeffersonville Processing Office, Robert L. Kirkland, then Processing Manager; New Orleans Processing Office, Robert L. Allen, Chief; and Laguna Niguel Processing Office, Robert N. Scheller, Chief.

User services were provided by the Data User Services Division under the supervision of Michael G. Garland, Chief, Marshall L. Turner, Jr., and Paul T. Zeisset, Assistant Chiefs.

Data collection activities were supervised in the Field Division by Lawrence T. Love, Chief, under the direction of Richard Blass, Charles Hancock, and George T. Reiner, Assistant Chiefs, with the assistance of the directors and assistant directors of the Bureau's regional offices.

Geographic programs and plans were developed in the Geography Division under the direction of Joseph J. Knott, Robert W. Marx, and Silla G. Tomasi, Assistant Chiefs, and Donald I. Hirschfeld.

Publications editing, design, composition, and printing procurement were performed by the staff of the Publications Services Division, Raymond J. Koski, Chief; Milton S. Andersen, Arlene C. Duckett, and Gerald A. Mann, Branch Chiefs.

The Statistical Methods Division was largely responsible for weighting sample data and producing variance estimates. This work was supervised by Charles D. Jones, Chief; Susan M.

Miskura and Robert T. O'Reagan, Assistant Chiefs. Important contributions were made by David H. Diskin, Milton C. Fan, Thomas W. Harahush, Robert S. Jewett, J. Kim, Teresa A. Passalacqua, John H. Thompson, and Henry F. Woltman.

The system design, technical specifications, assembly, and installation of the FOSDIC and Automated Camera Technology System were the responsibility of the Technical Services Division, C. Thomas DiNenna, Acting Chief, and Robert J. Varson, Branch Chief.

Many other persons participated in the various activities of the 1980 census. For a list of key personnel, refer to the *History of the 1980 Census of Population and Housing*, (PHC80-R2).

Library of Congress Cataloging in Publication Data

1980 census of housing. Volume 1, Characteristics of housing units.

HC80-1-

Issued April 1982-

Partial contents: ch. A. General housing characteristics v. - ch. B. Detailed housing characteristics v.

1. Housing—United States—Statistics. 2. Households—United States—Statistics. 3. United States—Census, 20th 1980. I. United States. Bureau of the Census. II. Title: Characteristics of housing units.

HC7293.A6113 312'.9.0973 81-607958
AACR2

For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any U.S. Department of Commerce district office. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by draft on a U.S. bank.

Table Finding Guide—Subjects by Type of Area and Table Number

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State					Places ¹ of—			Counties			American Indian Reservations
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm	SCSA's, SMSA's, Urbanized Areas, Central Cities of SMSA's	50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
SUMMARY CHARACTERISTICS . . .	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55,56, 57,58,59	54,55,56, 57,58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	54,55, 56,57, 58,59	—	—	102
TOTAL HOUSING UNITS	—	—	98	—	—	—	—	—	—	98	—	—
TOTAL POPULATION	—	—	98	99	—	—	—	—	—	98	99	—
OCCUPANCY AND VACANCY CHARACTERISTICS												
Occupied housing units	61,62,63, 64,65,66, 67,68,69, 70,71,72	61,62,63, 64,65,66, 69,70	98,100	99,101	74,75,76, 77,78,79, 80,81,82, 83,84,85	74,75,76, 77,78,79, 80,81,82, 83,84,85	88,89, 90	91,92	94,95, 96,97	98,100	99,101	102
Tenure	—	—	98	99	—	—	—	—	—	98	99	—
Persons in occupied housing units	—	—	—	—	—	—	—	—	—	—	—	—
Year householder moved into unit	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Vacant housing units	—	—	98	—	—	—	—	—	—	98	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	61,63,64, 65,66,67	61,63,64, 65	100	101	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	100	101	—
Tenure	—	—	—	—	—	—	—	—	—	—	—	—
Plumbing facilities	—	—	—	—	—	—	—	—	—	—	—	—
Kitchen facilities	—	—	—	—	—	—	—	—	—	—	—	—
Vehicles available	—	—	—	—	—	—	—	—	—	—	—	—
Telephone in unit	—	—	—	—	—	—	—	—	—	—	—	—
Central heating system	—	—	—	—	—	—	—	—	—	—	—	—
Air conditioning	—	—	—	—	—	—	—	—	—	—	—	—
UTILIZATION CHARACTERISTICS												
Rooms	—	—	98	99	—	—	—	—	—	98	99	—
Size of household (Persons in unit)	—	—	—	—	—	—	—	—	—	—	—	—
Persons per room	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	—	—	—
Bedrooms	—	—	—	—	—	—	—	—	—	—	—	—
STRUCTURAL CHARACTERISTICS												
Year structure built	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
Units in structure	60,63,64, 65,66,67	60,63,64, 65	100	101	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	91,92	93,96	100	101	—
By gross rent	60,63,64, 65,66,67	60,63,64, 65	—	—	73,76,77, 78,79,80	73,76,77, 78,79,80	86,89	—	93,96	—	—	—
Stories in structure	—	—	—	—	73	73	86	—	93	—	—	—
Passenger elevator	60	60	—	—	—	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS												
Plumbing facilities	—	—	98	99	—	—	—	—	—	98	99	—
Bathrooms	61,63,64, 65,66,67	61,63,64, 65	—	—	74,76,77, 78,79,80	74,76,77, 78,79,80	87,89	91,92	94,96	—	—	—

TABLE FINDING GUIDE

This guide lists all subjects covered in this report but does not indicate cross-classifications (e.g., tenure). Data on allocation rates appear in tables B1 and B2. For meaning of abbreviations, see the Introduction. For a description of the area classifications, see appendix A. For definition and explanations of subject characteristics, see appendix B.

Subject	The State				SCSA's, SMSA's, Urbanized Areas, Central Cities of SMSA's	Places ¹ of—			Counties			American Indian Reservations
	Total	Urban and Rural and Size of Place, Inside and Outside SMSA's	Rural	Rural Farm		50,000 or More	10,000 to 50,000	2,500 to 10,000	Total	Rural	Rural Farm	
PLUMBING CHARACTERISTICS—Con.												
Source of water	61,63,64,	61,63,64,			74,76,77,	74,76,77,						
Sewage disposal	65,66,67	65	100	101	78,79,80	78,79,80	87,89	—	94,96	100	101	—
EQUIPMENT AND FUELS												
Kitchen facilities	61,63,64,	61,63,64,			74,76,77,	74,76,77,						
Heating equipment	65,66,67	65	100	101	78,79,80	78,79,80	87,89	91,92	94,96	100	101	—
Vehicles available	61,63,64,	61,63,64,			74,76,77,	74,76,77,						
Air conditioning	65,66,67	65	100	101	78,79,80	78,79,80	87,89	91	94,96	100	101	—
Telephone in housing unit	61,63,64,	61,63,64,			74,76,77,	74,76,77,						
Fuels used for house heating	65,66,67	65	100	101	78,79,80	78,79,80	87,89	91,92	94,96	100	101	—
Fuels used for water heating and cooking	62,68,69,	62,68,69,			75,81,82,	75,81,82,						
	70,71,72	70			83,84,85	83,84,85						
	62,68,69,	62,68,69,			75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
FINANCIAL CHARACTERISTICS												
Value	—	—	98	—	—	—	—	—	—	98	—	—
Mortgage status and selected monthly owner costs	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Rent	—	—	98	—	—	—	—	—	—	98	—	—
Contract rent, median	62,68,69,	62,68,69,	100	101	75,81,82,	75,81,82,	88,90	91,92	95,97	100	101	—
Gross rent	70,71,72	70			83,84,85	83,84,85						
Income in 1979, median	62,68,69,	62,68,69,			75,81,82,	75,81,82,	88,90	91	95,97	100	101	—
	70,71,72	70			83,84,85	83,84,85						
Poverty Status in 1979	62,68,69,	62,68,69,	—	—	75,81,82,	75,81,82,	88,90	—	95,97	—	—	—
	70,71,72	70			83,84,85	83,84,85						

Note: Data for housing units with a White householder may be found in tables 55, 63, 68, 76, 81, 89, 90, 92, 96, and 97; data for a Black householder, tables 56, 64, 69, 77, 82, 89, 90, 92, 96, and 97; data for an American Indian, Eskimo, or Aleut householder, tables 57, 66, 71, 78, 83, 89, 90, 92, 96, and 97; data for an Asian and Pacific Islander householder, tables 58, 66, 71, 79, 84, 89, 90, 92, 96, and 97; and data for a Spanish Origin householder, tables 59, 65, 67, 70, 72, 80, 85, 89, 90, 92, 96, and 97.

¹ Data for towns and townships are shown for Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

APPENDICES

A. Area Classifications	A-1
B. Definitions and Explanations of Subject Characteristics	B-1
C. General Enumeration and Processing Procedures	C-1
D. Accuracy of the Data	D-1
E. Facsimiles of Respondent Instructions and Questionnaire Pages	E-1
F. Publication and Computer Tape Program	F-1

Introduction

GENERAL	V
CONTENTS OF THE REPORT	V
DERIVED FIGURES (Medians and Percents)	VI
SYMBOLS AND GEOGRAPHIC ABBREVIATIONS	VI
SUPPRESSION OF DATA FOR CONFIDENTIALITY	VI

GENERAL

This report is part of the *Detailed Housing Characteristics* series and presents sample data from the 1980 Census of Population and Housing on detailed characteristics of housing units for the State, classified by urban and rural residence and by size of place, its counties or comparable areas, places of 2,500 or more inhabitants, census designated places, standard consolidated statistical areas (SCSA's), standard metropolitan statistical areas (SMSA's), urbanized areas, American Indian reservations, Alaska Native villages and certain other geographic areas of the State. The abbreviated identification for this report is HC80-1-B (i.e., Housing Census, 1980-Volume 1-Chapter B) followed by a number representing the State. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

A large portion of the Housing information compiled from the 1980 Census of Population and Housing will appear in Volume 1, *Characteristics of Housing Units*, of which this report is part.

The total housing unit and population estimates for the various geographic entities shown here may differ from those shown in the *Advance Reports*, PHC80-V. The differences reflect corrections of

errors found after the PHC80-V reports were prepared. The changes may affect any geographic area shown in this report. Small differences may also result from the weighting techniques used to inflate the sample figures shown in this report to 100-percent totals. For further discussion of the estimation procedure, see Appendix D, "Accuracy of the Data."

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 census data and the 1970 census data for most characteristics. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

CONTENTS OF THE REPORT

This report contains text (this introduction and 6 appendixes), a table of contents, 49 detailed tables, and 2 allocation tables. In reports showing data on towns and townships, an additional 26 detailed tables and an allocation table are included.

A map of the State appears after the table of contents and shows county names and boundaries, the names and boundaries of SCSA's and SMSA's, the names and locations of all places with a population of 25,000 or more, and SMSA central cities with fewer than 25,000 inhabitants. Then follow the

detailed tables and the tables covering allocations. The first table in this report is table 54; tables 1 to 53 appear in the Series HC80-1-A, *General Housing Characteristics* report for this State.

Each table is identified by a table number and title. The "stubhead" at the left under the title defines the types of geographic areas for which data are shown in the particular table and is considered part of the table title. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports. In the Alaska report, the subdivision map also shows the names and locations of Alaska Native villages.

A table finding guide lists the characteristics and various race/Spanish origin groups covered in this report and shows the tables in which the various types of statistics appear.

The amount of detail presented in this report is generally greater for larger places than for smaller ones. The greatest amount of detail is shown for the State and its urban and rural parts and for SCSA's, SMSA's, urbanized areas, places with a population of 10,000 or more, and counties. Somewhat less detail is shown for places of 2,500 to 10,000 and for rural and rural farm portions of counties. The least amount of detail is shown for American Indian reservations and, in Alaska, for Alaska Native villages.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, census designated places, and urbanized areas). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data, editing procedures, and a descrip-

tion of allocation tables B-1 and B-2, Appendix E contains facsimiles of the respondent instructions and 1980 census questionnaire pages showing the population and housing questions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Medians and Percents)

This report presents medians and percents as well as certain ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases fall below the median and one-half of the cases exceed the median. Percents and other derived measures which round to less than 0.1 are not shown but indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth, for persons to the nearest hundredth, for value to the nearest hundred dollar, and for income, selected monthly owner costs, contract rent, and gross rent to the nearest dollar. In computing medians for rooms and persons in unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded.

The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than

\$10,000,” it is shown as “10,000—.” When the median falls in the upper terminal category of an open-ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$200,000 or more,” it is shown as “200,000+.”

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individuals or housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SCSA is standard consolidated statistical area.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: estimates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100 percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Detailed Housing Characteristics

HAWAII

HC80-1-B13

Contents

(Page numbers listed here omit the State prefix number which appears as part of the page number for each page. The prefix for the State is 13)

MAP	Page
Standard Metropolitan Statistical Area, Counties, Principal Islands, and Selected Places	5

TABLES

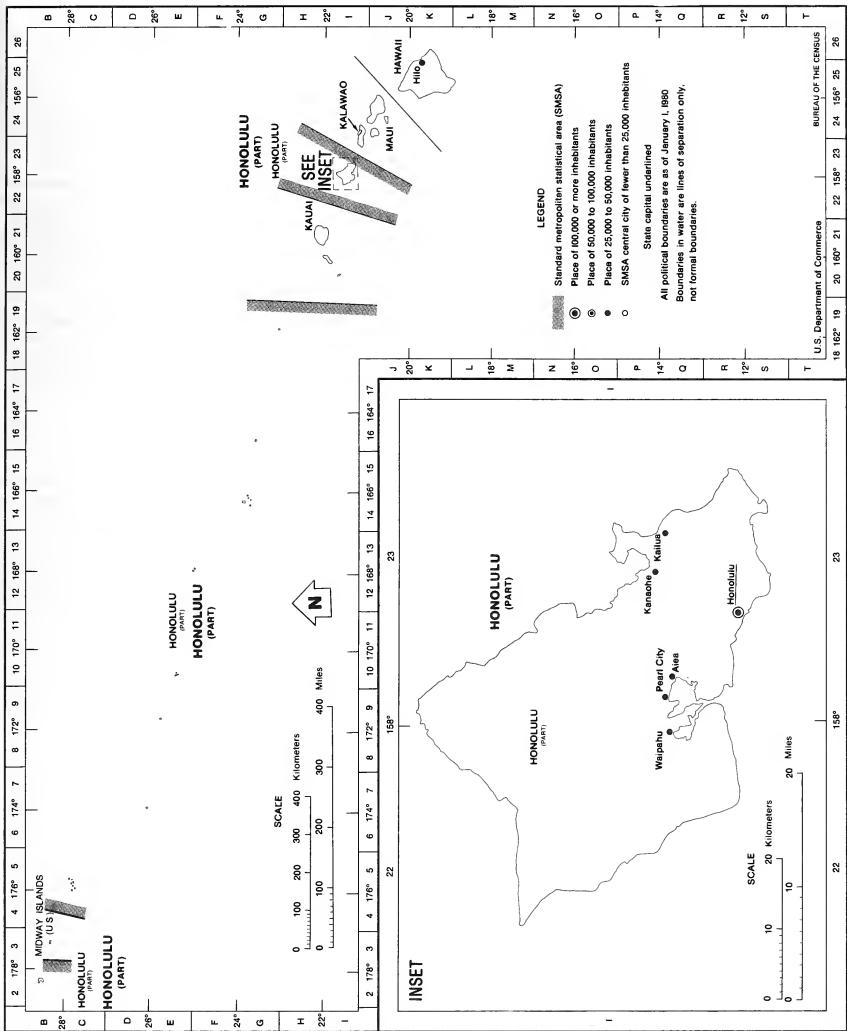
54. Summary of Detailed Housing Characteristics: 1980	7
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980	8
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
56. Summary of Detailed Housing Characteristics of Housing Units With a Black Householder: 1980	9
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	

TABLES	Page
57. Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980	10
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
58. Summary of Detailed Housing Characteristics of Housing Units With an Asian or Pacific Islander Householder: 1980	11
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
59. Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980	12
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
SCSA's	
SMSA's	
Urbanized Areas	
Places of 2,500 or More Inhabitants	
Counties	
60. Structural Characteristics: 1980	13
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	
61. Equipment and Plumbing Facilities: 1980	14
The State	
Urban and Rural and Size of Place	
Inside and Outside SMSA's	

TABLES	Page	TABLES	Page
62. Fuels and Financial Characteristics: 1980.	15	72. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980.	25
The State		The State	
Urban and Rural and Size of Place			
Inside and Outside SMSA's			
63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 1980	16	73. Structural Characteristics for Areas and Places: 1980	26
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
64. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 1980	17	74. Equipment and Plumbing Facilities for Areas and Places: 1980	27
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
65. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 1980	18	75. Fuels and Financial Characteristics for Areas and Places: 1980	28
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
66. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 1980.	19		
The State			
		76. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980.	29
67. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980.	20	SCSA's	
The State		SMSA's	
		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
68. Fuels and Financial Characteristics of Housing Units With a White Householder: 1980	21	77. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980.	30
The State		SCSA's	
Urban and Rural and Size of Place		SMSA's	
Inside and Outside SMSA's		Urbanized Areas	
		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
69. Fuels and Financial Characteristics of Housing Units With a Black Householder: 1980.	22		
The State			
Urban and Rural and Size of Place			
Inside and Outside SMSA's			
		78. Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980	31
70. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 1980	23	SCSA's	
The State		SMSA's	
Urban and Rural and Size of Place		Urbanized Areas	
Inside and Outside SMSA's		Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]	
71. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 1980.	24		
The State			

TABLES	Page	TABLES	Page
79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980	32	85. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980	38
SCSA's		SCSA's	
SMSA's		SMSA's	
Urbanized Areas		Urbanized Areas	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]		Places of 50,000 or More Inhabitants and Central Cities of SMSA's	
80. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980	33	86. Structural Characteristics for Places of 10,000 to 50,000 Inhabitants: 1980	39
SCSA's		Places	
SMSA's		87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000 Inhabitants: 1980	40
Urbanized Areas		Places	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		88. Fuels and Financial Characteristics for Places of 10,000 to 50,000 Inhabitants: 1980	41
81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places: 1980	34	Places	
SCSA's		89. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000 Inhabitants: 1980	42
SMSA's		Places [1,000 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
Urbanized Areas		90. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000 Inhabitants: 1980	46
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		Places [1,000 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980	35	91. Selected Characteristics for Places of 2,500 to 10,000 Inhabitants: 1980	50
SCSA's		Places	
SMSA's		92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000 Inhabitants: 1980	52
Urbanized Areas		Places [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
Places of 50,000 or More Inhabitants and Central Cities of SMSA's		93. Structural Characteristics for Counties: 1980	58
83. Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980	36	Counties	
SCSA's		94. Equipment and Plumbing Facilities for Counties: 1980	59
SMSA's		Counties	
Urbanized Areas		95. Fuels and Financial Characteristics for Counties: 1980	60
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]		Counties	
84. Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980	37	96. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980	61
SCSA's		Counties [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]	
SMSA's			
Urbanized Areas			
Places of 50,000 or More Inhabitants and Central Cities of SMSA's [1,000 or More Inhabitants of the Specified Racial Group]			

TABLES	Page	TABLES	Page
97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980	63	102. Selected Characteristics of American Indian Reservations: 1980	69
Counties [400 or More Inhabitants of the Specified Racial or Spanish Origin Group]		Reservations	
98. Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980 . . .	65	B-1. Computer Allocation Rates for Nonresponse or Inconsistency: 1980	70
The State		The State	
Counties		Urban and Rural and Size of Place	
99. Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980 . . .	66	Inside and Outside SMSA's	
The State		B-2. Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More Inhabitants, and Counties: 1980	71
Counties		The State	
100. Selected Characteristics of Rural Housing Units: 1980	67	Urban and Rural and Size of Place	
The State		Inside and Outside SMSA's	
Counties		SCSA's	
101. Selected Characteristics of Rural Farm Housing Units: 1980	68	SMSA's	
The State		Urbanized Areas	
Counties		Places of 2,500 or More Inhabitants	
		Counties	

**Standard Metropolitan Statistical Area, Counties,
Principal Islands, and Selected Places**

CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

In tables 54-59, 62, 68-72, 75, 81-85, 88, 90-92, 95, 97, and 100-102, the median selected monthly owner costs may be shown incorrectly as \$400+ or \$1000+. Any such incorrect median has been marked ~~\$400+~~ or ~~\$1000+~~ to indicate the error. The correct median is less than \$50 (\$50-).

Median income figures for occupied housing units in this report were calculated using linear interpolation. This differs from the methodology used in other 1980 census reports. In the other reports median income figures less than \$30,000 were derived through linear interpolation; median income values of \$30,000 or more were derived using Pareto interpolation.

Table 54. Summary of Detailed Housing Characteristics: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties

	Year-round housing units										Occupied housing units					
	Year structure built	Percent with—									Percent with—				Median selected monthly owner costs (dollars), specified owner occupied	Median gross rent (dollars), specified renter occupied
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air conditioning	1 or more complete bath	3 or more bedrooms	Householder moved into unit 1979 to March 1980	15 or more vehicles available	With a mortgage	Not mortgaged		
	332 205	38.9	10.5	38.1	98.5	81.5	8.0	18.1	97.1	46.9	294 052	26.8	89.6	463	110	311
279 226	37.1	8.8	40.8	99.7	89.7	9.1	20.0	98.0	45.6	253 798	26.8	89.1	476	115	315	
228 145	34.4	8.4	43.2	99.8	95.9	10.2	22.2	98.1	44.9	210 678	27.1	88.7	499	120	316	
161 505	31.6	9.8	51.0	99.8	97.8	9.3	24.0	97.8	36.7	146 015	25.6	85.7	501	123	310	
66 640	41.1	5.1	24.1	99.7	91.5	12.4	17.6	96.7	64.8	64 663	30.5	95.6	497	113	332	
51 091	49.4	10.6	30.1	99.5	61.7	3.9	10.6	97.5	54.4	43 120	25.5	91.1	397	101	317	
19 362	36.0	15.3	22.1	99.8	60.8	6.1	3.7	96.1	61.0	18 408	21.9	90.6	380	99	272	
31 719	57.7	7.8	34.9	99.8	62.2	2.6	14.9	98.3	50.3	24 712	28.2	91.5	415	104	335	
52 999	48.0	19.7	24.3	99.3	38.4	2.5	8.1	92.9	48.2	40 254	26.8	92.8	388	93	267	
13 998	45.1	19.4	33.7	99.4	50.5	1.5	7.0	95.1	44.5	10 208	25.0	90.9	339	94	272	
38 991	49.0	19.7	20.9	99.6	34.0	2.9	8.5	92.1	49.4	30 046	27.4	93.5	398	92	266	
1 412	28.3	24.0	—	79.7	1.8	1.4	0.8	84.9	67.9	1 412	7.9	96.5	373	102	197	
250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315	
241 813	35.2	8.3	42.2	99.7	94.4	9.9	21.5	98.1	45.7	222 500	27.2	88.8	494	119	316	
141 865	32.7	10.7	55.6	99.8	98.2	9.7	25.8	97.6	32.0	127 199	26.1	84.0	500	123	301	
9 051	50.1	12.1	22.8	99.8	48.2	5.1	8.9	97.9	50.2	9 714	34.5	91.3	485	101	292	
81 361	36.9	4.8	23.3	99.6	88.9	10.2	15.4	98.8	65.0	95 361	28.6	95.2	413	105	311	
9 948	50.1	17.1	27.6	94.9	46.9	2.8	9.1	94.2	56.0	63 838	24.5	92.4	388	94	286	
37 413	49.4	12.3	31.2	97.8	59.4	3.6	10.5	96.7	52.7	31 298	24.1	91.5	391	101	309	
43 928	50.7	21.1	24.6	90.7	36.3	2.0	7.9	91.8	47.8	32 540	25.0	92.8	369	92	254	
250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315	
241 813	35.2	8.3	42.2	99.7	94.4	9.9	21.5	98.1	45.7	222 500	27.2	88.8	494	119	316	
9 051	50.1	12.7	22.8	99.8	48.2	5.1	8.9	97.9	50.2	7 714	34.5	91.3	485	101	292	
198 895	35.1	9.2	47.1	99.8	96.9	10.7	23.6	97.9	40.9	182 516	27.8	87.4	499	120	310	
29 250	29.3	3.0	16.6	99.8	89.1	7.2	12.1	99.3	71.5	28 162	22.6	97.1	499	123	376	
1 859	68.7	—	20.2	99.4	81.4	6.9	5.5	99.7	72.2	1 763	28.1	97.5	520	128	455	
10 155	41.6	3.5	36.5	99.9	98.3	9.4	24.4	98.5	97.0	9 848	27.0	95.9	482	117	407	
6 678	—	48.2	3.2	97.7	64.2	14.5	4.6	95.4	52.9	6 254	—	89.6	—	—	90	
3 456	39.7	2.9	15.7	100.0	29.1	12.1	11.2	98.3	65.9	3 365	27.0	96.1	436	99	373	
832	41.2	4.9	3.1	100.0	11.2	0.7	0.6	88.5	74.8	827	21.5	89.5	306	96	186	
861	22.5	10.0	18.4	100.0	10.0	0.5	0.0	98.0	82.9	716	20.5	89.0	438	104	313	
1 550	39.7	0.7	8.1	100.0	84.1	8.4	0.0	99.7	82.3	1 522	9.7	99.5	601	138	500+	
1 422	6.3	24.1	27.6	100.0	99.5	—	44.4	99.4	66.1	1 302	44.9	96.9	—	—	—	
11 763	37.8	16.8	20.7	99.7	37.2	6.2	3.2	96.7	54.4	11 191	23.5	90.2	506	105	265	
141 865	32.7	10.7	55.6	99.8	98.2	9.7	25.8	97.6	32.0	127 139	26.1	84.0	500	123	301	
1 061	4.5	0.9	1.5	100.0	93.8	2.8	55.6	99.5	88.1	1 081	52.8	99.4	—	—	275	
914	22.4	5.7	12.1	100.0	43.8	3.6	7.5	100.0	56.5	838	13.2	97.9	479	107	367	
3 988	38.5	1.6	20.3	100.0	100.0	8.5	4.5	97.8	67.1	3 382	17.4	90.4	301	94	366	
2 294	86.2	0.9	57.0	99.3	67.6	—	32.5	99.7	29.2	1 530	46.7	88.9	397	116	360	
11 117	20.8	3.6	14.8	99.9	94.0	4.5	12.8	99.3	70.8	10 662	22.7	96.8	558	122	418	
847	42.9	17.6	14.3	100.0	18.3	1.5	2.1	96.5	58.8	822	18.0	95.6	452	112	290	
8 523	28.2	2.2	22.1	100.0	95.0	9.2	9.0	99.3	69.2	8 214	20.9	97.3	414	124	388	
1 820	45.9	18.7	32.2	99.6	37.9	1.5	2.0	94.9	50.1	1 425	28.4	92.6	345	100	303	
439	33.4	26.0	2.3	99.8	48.8	0.5	8.6	98.8	66.4	401	10.7	97.8	107	88	267	
5 099	49.8	1.2	77.6	100.0	95.5	0.9	33.8	98.7	19.5	1 936	40.4	96.8	521	125	491	
2 379	47.2	15.2	35.4	100.0	85.2	1.3	19.7	97.3	46.7	1 978	18.4	88.1	438	112	378	
899	69.3	4.4	31.8	98.9	42.4	3.1	2.9	97.2	39.7	823	41.8	88.2	338	161	286	
1 597	39.7	16.2	25.9	100.0	44.1	1.3	7.2	98.4	54.9	1 389	22.0	97.9	479	108	367	
1 378	19.7	11.8	14.1	100.0	95.1	3.0	11.8	100.0	60.2	1 264	25.9	91.3	437	95	300	
3 192	57.6	1.2	52.1	100.0	74.8	5.2	24.7	99.4	26.1	2 010	49.2	85.8	432	99	327	
2 243	65.1	0.3	7.2	100.0	100.0	1.7	7.1	99.5	67.7	2 136	22.4	100.0	426	93	500+	
980	54.6	15.0	4.7	100.0	4.5	1.0	—	100.0	63.1	885	14.5	97.9	422	101	433	
1 423	18.1	2.2	2.1	100.0	93.7	5.0	12.7	99.1	91.4	1 407	18.6	99.9	554	115	500+	
6 407	90.6	—	24.7	100.0	99.8	7.9	6.6	99.5	69.8	6 289	5.8	98.5	641	111	429	
1 889	3.7	—	19.3	99.3	99.3	6.1	41.6	99.3	75.8	1 854	51.2	97.7	—	—	239	
1 898	55.8	2.1	28.0	100.0	36.9	2.8	6.4	99.3	69.5	1 828	22.1	89.6	287	88	333	
11 362	43.6	0.7	10.9	99.9	99.2	11.2	18.8	99.7	76.1	11 339	22.1	97.6	465	115	429	
1 254	66.0	3.0	5.0	99.4	19.2	1.4	1.8	99.6	77.1	1 179	23.9	88.5	427	113	424	
3 583	29.6	9.5	39.7	99.7	51.5	98.9	51.5	98.9	63.6	3 415	52.0	97.4	—	—	248	
5 546	13.8	12.7	27.0	99.9	97.3	8.9	3.5	96.4	47.8	5 367	31.5	87.2	430	109	282	
1 116	21.5	32.5	8.3	85.2	16.7	1.7	5.2	98.8	67.0	1 102	12.7	90.7	240	88	296	
2 081	2.8	—	29.2	100.0	12.6	13.7	8.6	98.3	67.0	1 943	21.4	84.2	400	118	296	
3 611	27.3	25.5	28.6	100.0	94.5	3.2	4.2	92.2	47.1	3 385	21.8	92.2	377	88	286	
823	38.2	5.2	25.3	100.0	94.4	18.2	2.9	97.9	61.0	791	20.2	91.3	365	85	180	
1 881	27.6	17.4	18.9	98.4	30.0	1.6	4.0	96.0	54.5	1 828	27.6	92.8	427	113	424	
7 120	26.7	2.6	33.1	99.8	98.3	14.6	10.5	97.5	52.6	6 939	31.2	90.8	420	99	346	
1 433	56.0	0.8	69.2	100.0	99.4	9.4	3.3	99.5	31.9	1 359	42.5	93.4	365	119	376	
33 949	47.2	20.2	18.3	99.7	30.5	3.2	5.1	91.8	57.5	29 237	26.3	91.6	371	92	266	
250 864	35.2	8.4	41.5	99.7	92.7	9.7	21.1	98.1	45.8	230 214	27.4	88.9	494	119	315	
121	—	77.7	1.7	97.5	1.7	—	2.5	98.9	2.5	—	—	8.5	—	—	—	
14 528	47.2	17.4	18.9	98.4	30.0	1.6	4.0	96.0	54.5	12 020	27.4	92.4	411	106	293	
27.6	56.6	13.3	41.3	98.6	71.7	2.9	15.6	96.0	40.5	22 510	24.0	92.8	383	99	346	

Table 55. Summary of Detailed Housing Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Occupied housing units													Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied		
	Total	Percent with—																
		Year structure built																
		1970 to March 1980	1939 or earlier	5 or more units in structure	Source of water by public system or private company	Public sewer	Central heating system	Air condition- ing	1 or more bathrooms	3 or more bed- rooms	House- holder moved into unit 1979 or March 1980	1 or more vehicles available	With a mort- gage	Not mort- gaged				
The State	114 363	40.9	9.1	39.0	97.8	81.0	5.6	21.7	97.5	47.1	36.8	89.8	555	110	359			
URBAN AND RURAL AND SIZE OF PLACE																		
Urban	96 420	38.9	8.1	43.2	99.7	90.5	6.1	24.4	98.4	46.6	36.4	88.8	580	117	358			
Urbanized areas	81 366	36.6	7.7	45.8	99.7	95.5	6.6	27.0	98.6	45.3	36.3	88.4	608	123	359			
Central cities	55 616	33.9	9.5	53.4	99.7	96.8	5.2	28.4	98.3	36.3	33.3	88.6	618	128	359			
Urban fringe	25 770	42.7	5.8	29.3	99.9	92.6	9.8	23.9	99.1	64.9	42.3	96.8	596	110	357			
Outside urbanized areas	15 054	51.1	10.5	29.0	99.5	63.5	3.3	10.6	97.8	53.8	36.7	91.0	477	105	356			
Places of 10,000 or more	4 960	39.9	16.7	31.5	99.6	64.9	1.5	4.0	98.7	54.5	37.8	92.7	323	102	360			
Places of 2,500 to 10,000	10 074	56.6	7.4	27.8	99.5	62.8	2.0	13.8	98.7	54.5	37.8	88.5	412	105	310			
Rural	17 743	52.1	14.7	16.6	87.3	29.3	2.7	7.1	92.5	49.3	39.3	95.6	454	93	364			
Places of 1,000 to 2,500	3 715	44.3	14.8	30.2	96.3	45.0	0.1	5.7	94.6	44.5	41.9	95.0	442	104	360			
Other rural	14 028	54.2	14.6	13.0	84.9	25.1	3.1	7.5	91.9	50.5	38.6	95.7	455	90	361			
Total	408	37.7	29.2	—	71.8	1.7	1.2	—	80.4	63.5	14.5	100.0	371	82	464			
INSIDE AND OUTSIDE SMSA'S																		
Inside SMSA's	89 682	37.4	7.6	43.9	99.7	92.9	6.4	25.6	98.6	46.3	36.8	88.8	599	119	358			
Urban	85 950	37.3	7.6	44.7	99.7	92.6	6.4	25.6	98.6	46.2	36.4	88.6	603	121	358			
Central cities	45 997	35.8	9.6	60.3	99.6	94.6	5.4	20.8	98.6	46.3	36.4	88.4	609	130	346			
Not in central cities	39 953	39.1	5.2	26.7	99.9	91.1	7.6	19.5	99.2	65.5	38.7	96.4	581	111	352			
Rural	3 732	55.4	16.4	16.5	99.8	34.5	5.2	12.5	98.9	48.1	44.4	93.8	477	89	352			
Outside SMSA's	24 681	53.9	14.8	21.5	90.9	37.7	2.7	7.5	93.5	49.9	34.9	93.7	434	99	366			
Urban	10 670	51.4	12.5	31.0	96.6	57.5	3.5	9.8	97.0	50.1	35.7	90.5	455	108	358			
Rural	14 011	55.8	16.6	14.2	84.3	22.6	2.1	5.7	90.8	47.9	37.9	96.0	433	93	372			
SMSA'S																		
Honolulu, Hawaii	89 682	37.4	7.6	43.9	99.7	92.9	6.4	25.6	98.6	46.3	36.8	88.8	599	119	358			
Urban	85 950	37.3	7.6	44.7	99.7	92.6	6.4	25.6	98.6	46.2	36.4	88.6	603	121	358			
Rural	3 732	55.4	16.4	16.5	99.8	34.5	5.2	12.5	98.9	48.1	44.4	93.8	477	89	352			
URBANIZED AREAS																		
Honolulu, Hawaii	67 070	38.2	8.7	51.6	99.7	96.7	7.2	29.8	98.4	39.8	37.7	86.4	625	124	353			
Kailua-Kaneohe, Hawaii	14 516	29.3	3.2	18.9	99.9	89.6	4.2	13.6	95.4	71.1	30.0	97.5	583	119	401			
PLACES OF 2,500 OR MORE																		
Alhambra (CDP)	788	74.2	—	23.5	99.4	87.2	5.1	6.5	99.4	76.5	30.6	97.3	500	113	500+			
Aiea (CDP)	3 948	52.8	1.0	46.0	100.0	98.0	3.5	29.6	98.6	54.5	41.9	96.8	571	138	448			
Ewa (CDP)	50	—	88.0	12.0	100.0	74.0	30.0	100.0	98.0	100.0	98.0	100.0	500	—	537			
Ewa Beach (CDP)	1 226	25.9	3.9	14.5	100.0	32.5	6.9	16.0	99.2	71.5	33.4	95.6	460	84	381			
Honolulu (CDP)	123	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Honolulu (CDP)	217	25.3	1.4	11.5	100.0	25.3	2.8	1.8	100.0	38.7	19.8	92.2	511	—	252			
Honolulu (CDP)	721	45.4	—	13.7	100.0	99.9	4.6	6.2	100.0	86.0	13.7	99.0	499	162	500+			
Honolulu (CDP)	1 114	4.8	26.3	28.8	100.0	99.7	1.7	46.4	99.2	70.3	44.1	99.1	—	—	342			
Honolulu (CDP)	3 237	42.0	16.9	29.3	99.4	47.4	6.7	4.0	96.5	56.8	36.6	88.9	436	114	408			
Honolulu (CDP)	45 997	35.8	9.6	60.3	99.6	97.6	5.4	32.0	98.1	29.5	34.5	81.8	669	130	348			
Honolulu (CDP)	977	2.9	1.0	1.1	100.0	95.7	3.1	55.8	99.5	90.0	51.4	99.4	—	—	283			
Honolulu (CDP)	371	34.5	4.3	6.7	100.0	100.0	8.1	3.5	97.9	51.1	35.8	83.1	297	88	390			
Honolulu (CDP)	795	45.9	2.4	35.3	100.0	100.0	8.1	3.5	97.9	51.1	35.8	83.1	297	88	390			
Honolulu (CDP)	885	82.1	0.8	44.1	98.1	60.7	—	25.1	99.2	34.2	52.8	86	525	112	388			
Honolulu (CDP)	6 896	18.1	3.8	15.8	100.0	92.4	3.6	13.5	99.3	71.3	27.0	96.9	597	120	449			
Honolulu (CDP)	486	43.6	19.8	16.5	100.0	92.4	—	13.1	99.2	61.3	27.0	96.9	597	120	449			
Honolulu (CDP)	2 923	40.1	2.6	33.0	100.0	99.9	4.6	5.6	99.1	60.9	34.2	97.8	452	100	297			
Honolulu (CDP)	34.1	20.7	—	30.0	100.0	100.0	1.8	6.8	100.0	105.0	44.2	90.9	—	—	437			
Honolulu (CDP)	200	46.5	13.0	3.0	100.0	27.9	3.7	1.9	92.4	54.5	44.2	90.9	—	—	331			
Honolulu (CDP)	1 278	81.4	1.7	54.8	100.0	91.0	1.6	26.8	98.6	35.6	44.2	97.5	542	120	500+			
Honolulu (CDP)	865	47.5	11.4	39.8	100.0	79.9	0.7	21.3	96.5	42.5	33.4	83.4	525	120	469			
Honolulu (CDP)	260	60.0	7.7	25.8	96.2	67.3	—	5.0	100.0	30.4	51.9	93.5	—	—	256			
Honolulu (CDP)	372	39.2	16.1	22.6	100.0	40.1	—	10.8	98.4	44.4	41.1	88.7	464	166	368			
Honolulu (CDP)	484	15.5	11.8	14.3	100.0	98.1	—	14.7	100.0	61.2	23.8	94.0	424	101	333			
Honolulu (CDP)	84	54.5	4.1	55.3	100.0	76.0	4.9	30.0	99.2	29.2	60.0	88.3	444	101	368			
Honolulu (CDP)	1 324	63.4	0.5	6.8	100.0	100.0	1.8	6.8	100.0	91.5	38.1	100.0	436	99	276			
Honolulu (CDP)	531	56.5	16.9	4.3	100.0	5.8	—	—	100.0	64.0	12.6	98.7	495	100	500+			
Honolulu (CDP)	786	15.1	1.7	10.0	99.5	91.3	2.9	13.1	100.0	93.3	25.3	99.1	598	100	500+			
Honolulu (CDP)	2 630	91.6	—	30.9	100.0	100.0	2.7	3.4	99.7	71.1	96.9	97.3	757	152	500+			
Honolulu (CDP)	1 514	37.1	—	18.2	99.7	69.7	5.7	40.8	99.5	75.8	51.8	98.2	—	—	242			
Honolulu (CDP)	451	66.3	2.9	46.6	100.0	92.1	3.3	10.6	99.3	58.3	37.7	85.6	347	67	357			
Honolulu (CDP)	2 321	39.2	1.5	12.3	100.0	99.4	5.4	21.1	99.6	78.9	36.3	96.4	452	79	432			
Honolulu (CDP)	4 423	74.8	11.1	3.2	98.3	18.1	2.5	1.3	100.0	70.4	33.4	100.0	572	115	431			
Honolulu (CDP)	2 426	26.5	11.5	37.5	99.8	99.4	51.4	19.5	99.2	67.1	51.7	97.4	—	—	256			
Honolulu (CDP)	1 579	50.7	—	—	99.8	96.1	1.3	2.9	98.3	36.6	45.1	89.4	488	112	393			
Honolulu (CDP)	238	13.0	39.1	10.5	100.0	92.2	1.3	4.2	100.0	58.0	33.4	98.2	345	101	303			
Honolulu (CDP)	496	53.0	1.6	16.5	100.0	72.2	7.5	7.9	100.0	70.6	24.8	81.5	553	131	339			
Honolulu (CDP)	928	27.7	28.1	35.8	100.0	96.2	2.2	4.4	93.1	38.1	24.7	91.5	378	89	307			
Honolulu (CDP)	189	53.4	2.6	32.8	100.0	100.0	13.8	19.6	100.0	64.6	12.2	98.8	725	113	388			
Honolulu (CDP)	280	—	—	—	—	—	—	—	—	—	—	—	—	—	173			
Honolulu (CDP)	1 321	28.8	1.4	58.9	100.0	97.3	7.9	13.7	97.3	31.0	53.5	89.5	349	98	361			
Honolulu (CDP)	611	74.8	81.3	100.0	98.5	4.9	13.7	98.9	18.5	47.5	56.2	47.7	105	366	366			
COUNTIES																		
Hawaii	11 374	55.1	16.5	16.0	83.5	26.0	2.9	4.9	90.5	53.0	39.2	92.8	410	94	314			
Honolulu	89 682	37.4	7.6	43.9	99.7	92.9	6.4	25.6	98.6	46.3	36.8	88.8	599	119	358			
Kauai	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Kona	3 987	45.5	15.0	13.1	97.9	23.2	1.5	4.5	96.2	54.0	34.2	95.1	486	112	345			
Molokai	9 312	56.0	12.7	32.6	97.0	58.2	2.9	11.9	95.9	44.3	35.3	94.1	451	102	435			

Table 57. **Summary of Detailed Housing Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

The State

URBAN AND RURAL AND SIZE OF PLACE

Urban	882	40.7	11.1	52.7	100.0	88.5	3.1	22.0	93.3	36.4	45.1	78.9	568	145	341
Inside urbanized areas	701	36.9	9.0	53.8	100.0	92.4	3.9	21.5	94.0	36.4	42.8	81.5	576	145	334
Central cities	445	28.2	12.0	59.8	100.0	94.7	5.8	23.4	90.0	20.1	40.9	68.0	575	145	352
Urban fringe	236	54.2	3.0	41.9	100.0	92.4	4.5	18.5	91.0	28.2	38.9	73.8	576	145	334
Outside urbanized areas	181	55.2	19.3	48.6	100.0	73.5	—	23.8	90.6	36.5	54.1	69.1	317	—	377
Places of 10,000 or more	36	27.8	55.6	58.3	100.0	72.2	—	16.7	72.2	41.7	55.6	41.7	—	—	230
Places of 2,500 to 10,000	145	62.1	10.3	46.2	100.0	73.8	—	25.5	95.2	33.8	53.6	75.9	317	—	377
Rural	105	61.9	5.7	19.0	73.3	38.1	—	14.3	100.0	43.8	55.2	100.0	579	—	362
Places of 1,000 to 2,500	26	23.1	23.1	22.1	100.0	74.9	—	—	100.0	26.9	73.1	100.0	—	—	221
Other rural	79	74.7	—	17.7	64.6	25.3	—	19.0	100.0	49.4	49.4	100.0	579	—	369
Farm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

INSIDE AND OUTSIDE SMSA'S

Inside SMSA's	841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
Urban	793	40.0	9.8	51.1	100.0	89.5	3.4	21.6	94.7	37.6	42.6	79.9	568	145	340
Central cities	359	29.0	15.6	66.6	100.0	94.7	5.8	23.4	90.0	20.1	40.9	68.0	575	145	352
Not in central cities	434	49.1	5.1	35.7	100.0	85.3	1.4	20.0	98.6	52.1	44.0	89.9	566	138	339
Rural	48	45.8	—	45.2	80.8	56.8	—	31.3	100.0	56.3	58.3	100.0	397	—	369
Outside SMSA's	146	58.2	17.8	46.4	100.0	79.8	—	25.8	80.9	25.8	67.4	81.5	350	—	375
Urban	89	47.2	22.5	67.4	100.0	79.8	—	25.8	80.9	25.8	67.4	81.5	350	—	375
Rural	57	75.4	10.5	10.5	50.9	21.1	—	—	100.0	33.3	52.6	100.0	—	—	367

SMSA's

Honolulu, Hawaii	841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
Urban	793	40.0	9.8	51.1	100.0	89.5	3.4	21.6	94.7	37.6	42.6	79.9	568	145	340
Rural	48	45.8	—	29.2	100.0	58.3	—	31.3	100.0	56.3	58.3	100.0	397	—	359

URBANIZED AREAS

Honolulu, Hawaii	574	39.3	10.9	59.3	100.0	93.6	4.7	24.6	93.8	32.1	46.1	78.7	577	225	329
Kalaheo-Kaneohe, Hawaii	127	29.8	—	28.2	100.0	87.1	—	7.3	95.2	56.5	27.4	94.4	575	138	406

PLACES OF 2,500 OR MORE

Ahuimanu (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aiea (CDP)	31	45.2	—	83.9	100.0	100.0	19.4	19.4	100.0	35.5	45.2	100.0	—	—	199
Ewa Beach (CDP)	18	61.1	—	—	100.0	—	—	—	100.0	100.0	38.9	100.0	341	—	—
Hanalei (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hauula (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hono (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hukilau Housing (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hilo (CDP)	36	27.8	55.6	58.3	100.0	72.2	—	16.7	72.2	41.7	55.6	41.7	—	—	222
Honolulu (CDP)	359	29.0	15.6	66.6	100.0	94.7	5.8	23.4	90.0	20.1	40.9	68.0	575	225	341
Ikaika Point (CDP)	14	—	—	—	100.0	—	—	64.3	100.0	100.0	35.7	100.0	—	—	256
Kahului (CDP)	—	—	—	—	100.0	—	—	—	—	—	—	—	—	—	—
Kailua (CDP)	17	100.0	—	100.0	100.0	100.0	—	100.0	100.0	—	100.0	100.0	—	—	—
Kailua (CDP), Hawaii County	59	22.0	—	22.0	100.0	83.1	—	—	100.0	72.9	32.2	88.1	575	138	500+
Kahaloa (CDP)	47	29.8	—	31.9	100.0	87.2	—	8.5	87.2	34.0	31.9	100.0	525	138	406
Kapa (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kekaha (CDP)	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kihuli (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lahaina (CDP)	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lone (CDP)	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lihue (CDP)	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mali (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Makaha (CDP)	37	75.7	—	75.7	100.0	100.0	—	35.1	100.0	—	54.1	54.1	—	—	323
Makakilo City (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Makawae (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Maunaloa (CDP)	11	45.5	—	—	100.0	100.0	—	45.5	100.0	100.0	77.3	100.0	—	—	464
Millerton Town (CDP)	22	100.0	—	50.0	100.0	100.0	—	—	100.0	22.7	100.0	100.0	—	—	185
Nakapu (CDP)	11	45.5	—	—	100.0	100.0	—	—	—	—	—	—	—	—	—
Nanalei (CDP)	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pepee City (CDP)	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pukalani (CDP)	8	—	—	—	—	—	—	27.8	100.0	100.0	72.2	100.0	—	—	500+
Schofield Barracks (CDP)	13	53.8	—	100.0	100.0	100.0	—	—	—	46.2	—	—	—	—	—
Waialae (CDP)	24	33.3	33.3	—	100.0	100.0	—	—	100.0	20.8	33.3	66.7	—	—	363
Waialua (CDP)	13	—	69.2	—	100.0	100.0	—	—	100.0	100.0	30.8	100.0	—	—	—
Waimanalo (CDP)	25	52.0	24.0	—	100.0	100.0	—	28.0	100.0	52.0	24.0	52.0	754	—	420
Waimanalo (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waimanalo Beach (CDP)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waipahu (CDP)	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waipae Acres (CDP)	24	100.0	—	100.0	100.0	100.0	—	—	100.0	—	100.0	100.0	—	—	410

COUNTIES

Hawaii	90	64.4	28.9	42.2	68.9	47.8	—	25.6	88.9	37.8	61.1	76.7	—	—	313
Honolulu	841	40.3	9.3	49.8	100.0	87.8	3.2	22.1	95.0	38.6	43.5	81.1	563	145	342
Kalaheo	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kauai	21	28.6	—	71.4	100.0	100.0	—	—	100.0	—	71.4	71.4	—	—	500+
Maui	35	60.0	—	37.1	100.0	54.3	—	—	80.0	22.9	57.1	100.0	—	—	375

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Occupied housing units															Median selected monthly owner costs (dollars), specified owner occupied							
Percent within																						
Year structure built				Source of water by public system or private company											Householder moved into unit in March 1980		With a mortgage		Not mortgaged		Median gross rent (dollars), specified renter occupied	
Total	1970 to March 1980	1939 or earlier	5 or more units in structure	Public sewer	Central heating system	Air conditioning	1 or more complete bath-rooms	3 or more bed-rooms	1979 or March 1980	1 or more vehicles available	With a mortgage	Not mortgaged	Median gross rent (dollars), specified renter occupied									
168 671	31.4	12.7	28.9	99.1	80.2	10.7	12.8	97.0	53.9	18.9	89.7	432	110	276								
147 322	31.4	10.2	32.0	99.7	88.0	11.8	14.2	97.7	52.3	19.3	89.5	443	115	284								
120 543	25.5	9.4	35.2	99.8	95.9	13.3	16.2	97.8	49.2	19.4	89.1	465	120	283								
85 942	25.5	11.7	42.7	99.9	98.2	13.1	17.4	97.5	41.8	19.5	86.7	458	122	281								
34 601	39.6	4.6	16.7	99.0	92.0	13.8	13.2	98.6	67.6	19.2	95.2	473	118	310								
20 779	40.0	1.7	17.5	99.4	92.5	5.1	5.1	97.2	66.3	18.6	91.4	372	100	275								
13 027	34.0	14.6	16.2	99.9	97.7	6.5	3.4	96.6	67.4	16.6	91.4	372	100	275								
13 752	45.6	10.8	18.6	99.9	97.7	6.5	3.4	96.6	67.4	16.6	91.4	372	100	275								
21 349	31.8	30.2	7.2	94.7	86.5	3.7	6.9	97.6	65.5	20.2	91.2	375	104	287								
5 205	27.7	30.3	9.3	99.0	92.5	3.0	2.4	94.0	66.1	15.1	89.4	367	92	137								
15 144	32.8	30.2	6.4	99.9	94.2	4.1	3.1	92.3	64.8	16.6	91.4	360	94	137								
967	24.2	21.4	—	83.6	1.9	1.6	1.2	86.2	71.0	4.9	94.8	407	105	193								
101 063	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284								
127 413	30.3	9.5	34.4	99.7	93.8	12.9	15.7	97.8	50.1	19.6	89.1	458	119	283								
77 480	26.0	12.7	46.0	99.9	98.4	13.4	18.0	97.3	38.1	20.3	90.3	460	121	285								
49 933	37.0	4.5	15.9	99.4	96.8	12.1	12.3	98.7	68.6	18.5	94.7	457	115	314								
3 670	35.5	20.6	10.3	97.5	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	207								
37 588	35.6	23.0	11.7	97.2	38.7	3.9	3.5	94.4	66.1	17.4	91.6	385	95	215								
19 509	38.4	14.8	10.9	99.9	90.9	4.7	4.6	96.6	66.6	17.2	92.1	376	99	149								
17 679	32.3	32.2	6.6	94.1	24.9	3.0	2.2	92.0	66.4	14.7	90.9	335	92	149								
131 083	30.2	9.8	33.8	99.6	92.2	12.7	15.5	97.8	50.3	19.6	89.1	458	119	284								
127 413	30.3	9.5	34.4	99.7	93.8	12.9	15.7	97.8	50.1	19.6	89.1	458	119	283								
3 670	35.5	20.6	10.3	97.5	34.3	5.6	6.0	97.0	59.5	22.0	88.6	456	110	207								
107 916	29.8	10.5	38.0	99.8	96.8	13.5	16.8	97.5	46.3	20.2	88.2	470	119	281								
12 427	27.0	2.7	11.																			

Table 59. **Summary of Detailed Housing Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction for meaning of symbols, see Introduction for definitions of terms, see appendices A and B]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

Occupied housing units																													
Percent with—												Median selected monthly owner costs (dollars), specified owner occupied		Median gross rent (dollars), specified renter occupied															
Year structure built																													
1970 to March 1980		1939 or earlier		5 or more units in structure		Source of water by public system or private company		Public sewer		Central heating system		Air condition- ing		1 or more complete baths		3 or more bed- rooms		House- holder moved into unit 1979 to March 1980		1 or more vehicles available		With a mort- gage		Not mort- gaged					
Total																													
16 968		36.8		10.6		37.1		98.3		77.7		12.9		12.4		96.2		45.5		31.1		87.6		439		107		307	
14 156		36.1		8.0		41.8		99.4		86.9		14.4		14.3		96.8		42.8		32.9		87.0		452		120		311	
10 918		33.5		7.3		46.2		99.4		93.7		17.4		16.6		96.8		38.3		33.1		86.4		481		135		311	
6 236		28.6		9.1		58.6		99.4		97.5		16.9		16.5		95.8		28.0		33.2		81.8		476		137		311	
4 682		40.0		4.8		29.7		99.2		88.5		18.1		16.8		96.5		57.8		32.1		89.2		476		137		311	
3 238		45.0		10.3		26.9		99.1		64.2		4.4		6.4		96.2		52.1		33.0		92.4		466		130		312	
1 106		39.9		17.1		32.0		100.0		72.9		5.5		3.0		94.7		47.3		31.9		89.2		476		137		311	
2 132		47.7		6.8		24.2		98.6		59.7		3.8		8.1		97.4		63.3		32.3		90.2		504		93		258	
2 812		40.1		24.1		13.4		92.7		31.5		5.3		3.1		93.5		59.5		32.3		90.2		366		93		258	
706		37.3		26.2		22.0		96.9		49.2		6.1		2.4		92.8		51.0		21.5		86.1		343		103		286	
2 106		41.1		23.4		10.5		91.4		25.5		5.0		3.3		93.8		62.3		22.6		91.6		377		90		253	
57		38.6		47.4		—		49.1		—		—		—		70.2		71.9		10.5		91.2		198		—		500+	
12 924		34.4		7.6		43.2		99.0		89.1		15.7		14.9		97.1		41.8		33.3		86.3		490		124		311	
12 223		34.4		7.1		44.1		99.3		91.4		16.1		15.4		97.0		41.3		33.2		86.2		481		129		311	
5 445		30.2		10.0		62.9		99.5		97.7		17.3		18.2		95.8		24.5		33.8		79.7		471		123		301	
6 778		37.7		4.9		29.1		99.0		86.2		15.2		13.2		97.9		54.9		32.7		91.5		483		127		301	
4 044		44.4		20.2		17.4		95.9		41.3		3.9		4.3		93.4		57.4		25.2		91.8		679		93		275	
1 933		47.3		13.1		27.0		100.0		58.9		3.7		6.8		95.4		51.8		31.1		92.3		377		86		248	
2 111		41.8		26.6		9.0		92.2		25.3		4.0		2.1		91.7		62.5		18.0		91.2		342		91		240	
12 924		34.4		7.6		43.2		99.0		89.1		15.7		14.9		97.1		41.8		33.3		86.3		490		124		311	
12 223		34.4		7.1		44.1		99.3		91.4		16.1		15.4		97.0		41.3		33.2		86.2		481		129		311	
701		35.1		16.4		26.5		94.4		50.1		9.1		6.1		99.1		50.2		35.2		87.2		672		103		274	
9 616		34.3		7.6		49.0		99.4		94.1		17.8		17.1		97.0		36.4		33.8		85.1		494		134		307	
1 302		27.5		4.7		25.5		99.6		90.2		14.4		12.6		95.7		52.6		28.1		95.5		398		139		345	
105		44.8		—		31.4		95.2		62.9		10.5		—		95.2		39.0		48.6		90.5		375		—		430	
579		50.6		1.2		48.0		99.5		98.1		71.3		23.8		100.0		45.9		32.6		92.4		516		160		354	
416		40.4		3.8		9.1		100.0		26.2		14.4		11.5		98.8		32.3		23.3		100.0		470		140		361	
32		21.9		—		—		—		—		—		—		84.4		50.0		21.9		78.1		475		—		—	
75		62.7		—		24.0		100.0		33.3		—		—		100.0		100.0		18.5		100.0		355		—		336	
27		18.5		—		—		100.0		100.0		—		—		100.0		100.0		18.5		100.0		355		—		336	
48		48		8.7		39.1		100.0		100.0		—		50.0		100.0		58.7		37.0		100.0		355		—		219	
697		41.9		18.5		31.3		100.0		58.5		2.7		3.6		96.7		50.6		35.3		85.9		365		107		244	
5 445		30.2		10.0		62.9		99.5		97.7		17.3		18.2		95.8		24.5		33.8		79.7		471		137		301	
60		20.0		—		8.3		100.0		75.0		8.3		46.7		100.0		71.7		61.7		100.0		—		—		218	
176		43.2		2.8		29.5		100.0		40.7		—		—		100.0		55.6		—		100.0		—		—		440	
167		72.5		3.6		25.7		100.0		48.5		—		15.6		100.0		62.3		34.1		94.0		429		225		424	
10		16.3		1.0		29.0		100.0		100.0		11.5		4.8		96.9		56.0		33.6		96.4		466		133		361	
82		42.7		15.9		11.0		100.0		19.5		—		—		90.2		40.8		30.5		93.9		411		138		219	
398		18.6		4.8		29.1		100.0		92.7		16.6		4.8		94.2		47.2		24.1		97.5		504		93		258	
61		50.7		10.4		13.4		100.0		13.4		—		—		85.1		28.4		40.3		100.0		138		63		357	
102		36.3		16.7		15.7		100.0		15.7		—		—		23.0		100.0		57.8		22.5		100.0		413		88	
139		82.7		8.6		43.9		100.0		85.6		5.0		28.8		100.0		51.8		38.8		95.7		504		—		500+	
56		66.1		8.9		19.6		100.0		100.0		—		14.3		87.5		41.1		—		100.0		344		138		—	
24		29.2		16.7		—		100.0		—		—		—		100.0		100.0		54.2		100.0		425		163		—	
200		22.5		7.5		11.5		100.0		97.0		5.0		10.5		100.0		72.5		38.5		94.0		515		111		351	
297		38.0		4.0		30.3		100.0		70.4		3.4		7.1		100.0		30.8		40.7		71.0		403		100		326	
173		54.9		—		9.8		100.0		100.0		—		—		97.7		97.7		27.7		100.0		613		—		—	
70		55.7		—		10.0		100.0		10.0		5.7		—		100.0		60.0		30.0		100.0		414		104		—	
356		93.0		—		32.3		100.0		100.0		—		31.3		68.8		100.0		—		100.0		908		—		296	
152		51.3		—		22.4		100.0		100.0		13.2		56.6		96.1		67.1		36.8		92.8		611		137		350	
244		47.5		2.0		44.3		100.0		53.7		6.1		7.8		97.1		55.3		35.7		77.9		285		110		228	
692		37.1		—		21.5		100.0		99.4		16.5		22.1		100.0		63.3		25.9		96.5		429		85		475	
88		46.6		—		12.5		100.0		31.8		—		—		96.2		60.6		61.2		100.0		339		85		214	
338		38.8		3.0		39.9		100.0		97.6		51.2		17.2		96.2		50.6		61.2		100.0		439		85		214	
536		19.4		14.0		24.3		100.0		92.5		13.6		0.9		96.1		37.3		42.0		81.5		492		119		293	
89		21.3		44.9		4.6		100.0		92.5		13.6		0.9		96.1		37.3		42.0		81.5		492		119		293	
227		47.6		4.0		35.2		100.0		85.9		13.2		1.8		98.7		63.0		33.5		79.5		378		113		318	
333		33.3		11.9		36.1		100.0		91.9		20.0		17.8		96.3		39.1		29.6		90.6		489		75		269	
135		53.3		11.9		36.1		100.0		91.9		20.0		17.8		96.3		39.1		29.6		90.6		489		75		269	
40		30.0		42.5		—		100.0		17.5		45.0		15.0		100.0		57.5		—		—		—		—		152	
706		22.7		2.1		39.2		98.6		99.2		14.7		5.9		99.4		44.8		33.0		83.9		483		113		321	
118		49.2		—		65.3		100.0		100.0		11.9		5.9		94.1		40.7		53.4		89.0		475		—		383	
1 850		43.9		23.4		16.4		91.9		35.6		2.3		3.6		92.5		60.9		26.3		88.4		329		88		246	
12 924		34.4		7.6		43.2		99.0		89.1		15.7		14.9		97.1		41.8		33.3		86.3		490		124		311	
813		41.7		12.4		12.1		99.3		17.5		3.3		4.8		91.9		54.6		20.9		94.8		431		98		289	
1 381		46.7		20.4		22.5		99.3		63.1		6.2		5.1		95.6		54.4		23.5		94.4		388		101		312	

Table 60. Structural Characteristics: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

The State Urban and Rural and Size of Place Inside and Outside SMSA's

YEAR STRUCTURE BUILD

	The State	Total	Urban				Rural			
			Inside urbanized areas		Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Outside SMSA's
			Total	Central cities	Urban fringe	Places of 10,000 or more				
Year-round housing units	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1979 to March 1980	16 088	11 155	7 499	5 039	2 460	921	2 735	4 933	929	27
1975 to 1978	45 679	35 684	26 696	18 101	8 595	2 232	6 736	10 014	2 844	209
1970 to 1974	67 369	56 879	44 265	27 946	16 321	3 791	8 821	10 490	5 440	163
1965 to 1969	87 356	80 073	69 391	49 110	20 281	4 889	5 793	7 283	742	210
1950 to 1959	52 970	47 797	41 924	30 437	11 487	2 704	3 169	5 173	1 213	177
1940 to 1949	23 003	20 078	19 162	15 062	4 100	1 848	1 993	4 675	620	201
1939 or earlier	35 046	24 635	19 206	15 810	3 396	2 957	2 472	10 411	2 220	339
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015
1979 to March 1980	6 383	4 650	3 250	1 400	850	465	935	1 733	182	27
1975 to 1978	19 332	15 673	10 995	6 247	4 748	1 551	3 127	4 059	861	202
1970 to 1974	33 112	28 174	22 587	12 715	9 872	1 942	3 645	4 938	1 134	144
1965 to 1969	42 418	38 995	32 918	20 854	12 064	2 854	3 223	3 423	792	177
1950 to 1959	23 548	20 129	14 763	9 366	3 366	1 938	1 471	2 361	711	175
1940 to 1949	10 854	9 341	7 658	6 711	947	960	723	1 513	498	116
1939 or earlier	13 498	10 027	7 823	7 065	758	1 345	859	3 471	1 974	8 187
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 508	7 333	10 729	18 756	4 836	397
1979 to March 1980	3 340	2 570	1 718	815	403	308	544	770	139	19
1975 to 1978	16 127	13 993	11 970	8 311	3 659	604	1 419	2 134	564	7
1970 to 1974	25 744	22 904	18 453	12 413	6 040	1 691	2 760	2 840	563	19
1965 to 1969	37 956	35 888	31 476	20 189	9 972	2 692	3 984	4 268	918	33
1950 to 1959	24 354	22 128	19 980	14 160	5 820	689	1 459	2 226	689	88
1940 to 1949	15 270	12 650	10 739	7 803	2 936	785	1 126	2 620	977	85
1939 or earlier	12 345	13 547	10 648	8 140	2 508	1 472	1 427	5 798	1 333	165

BEDROOMS

Year-round housing units	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1979 to March 1980	22 823	19 560	17 010	16 254	5 756	1 120	1 430	3 263	884	31
1975 to 1978	62 530	54 409	44 305	30 308	5 997	2 190	2 989	9 625	2 972	19
1970 to 1974	89 601	75 046	62 473	45 736	16 737	4 232	8 341	14 555	4 013	293
1965 to 1969	112 000	91 652	69 800	39 623	10 173	3 119	3 533	20 348	4 968	383
1950 to 1959	34 729	30 549	25 635	14 960	5 645	1 040	1 264	2 002	772	272
1940 to 1949	8 943	7 935	6 922	4 794	2 128	541	472	1 008	236	104
1939 or earlier	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015
Owner-occupied housing units	2 261	1 835	1 252	1 611	1 38	45	42	1 803	19	1
1979 to March 1980	12 630	11 198	8 130	10 168	8 438	780	748	1 432	303	101
1975 to 1978	24 313	25 892	22 416	16 590	5 826	2 389	2 087	4 251	856	181
1970 to 1974	74 698	62 889	46 922	27 405	11 456	2 397	4 002	8 555	3 169	218
1965 to 1969	24 234	22 013	18 317	11 637	4 631	1 137	1 217	2 921	103	224
1950 to 1959	7 250	6 591	5 775	4 075	1 700	425	391	659	200	72
1940 to 1949	142 136	123 380	105 318	76 260	29 508	7 333	10 729	18 756	4 836	397
1979 to March 1980	14 364	13 008	11 273	10 681	3 952	879	788	1 656	408	12
1975 to 1978	37 842	34 339	30 157	26 156	4 021	1 768	2 454	3 503	895	28
1970 to 1974	47 268	41 769	35 322	25 069	10 163	2 489	3 548	5 999	1 828	112
1965 to 1969	32 132	25 473	20 637	10 566	10 051	1 711	3 125	6 639	1 465	92
1950 to 1959	9 950	8 959	6 974	3 155	4 311	319	295	690	260	48
1940 to 1949	1 500	1 232	1 045	633	412	111	76	268	36	32
1939 or earlier	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015
Renter-occupied housing units	2 261	1 835	1 252	1 611	1 38	45	42	1 803	19	1
1979 to March 1980	12 630	11 198	8 130	10 168	8 438	780	748	1 432	303	101
1975 to 1978	24 313	25 892	22 416	16 590	5 826	2 389	2 087	4 251	856	181
1970 to 1974	74 698	62 889	46 922	27 405	11 456	2 397	4 002	8 555	3 169	218
1965 to 1969	24 234	22 013	18 317	11 637	4 631	1 137	1 217	2 921	103	224
1950 to 1959	7 250	6 591	5 775	4 075	1 700	425	391	659	200	72
1940 to 1949	142 136	123 380	105 318	76 260	29 508	7 333	10 729	18 756	4 836	397
1979 to March 1980	14 364	13 008	11 273	10 681	3 952	879	788	1 656	408	12
1975 to 1978	37 842	34 339	30 157	26 156	4 021	1 768	2 454	3 503	895	28
1970 to 1974	47 268	41 769	35 322	25 069	10 163	2 489	3 548	5 999	1 828	112
1965 to 1969	32 132	25 473	20 637	10 566	10 051	1 711	3 125	6 639	1 465	92
1950 to 1959	9 950	8 959	6 974	3 155	4 311	319	295	690	260	48
1940 to 1949	1 500	1 232	1 045	633	412	111	76	268	36	32

STORIES IN STRUCTURE

Year-round housing units	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1 to 3	270 830	221 039	174 467	111 618	62 849	18 223	28 349	49 791	12 438	1 412
4 to 6	14 445	12 483	9 485	8 456	1 029	797	2 201	1 962	590	34
7 to 12	12 585	11 359	10 544	9 403	1 141	242	573	1 226	390	1 833
13 or more	34 345	34 345	33 649	32 028	1 621	100	596	-	-	34 255

PASSENGER ELEVATOR

Year-round housing units	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
Structures with 4 or more stories	61 375	58 187	53 678	49 887	3 791	1 139	3 370	3 188	1 350	-
With elevator	56 171	53 223	49 087	45 925	3 162	1 023	3 313	2 988	1 266	-

UNITS IN STRUCTURE

Year-round housing units	332 205	279 226	228 145	161 505	66 440	19 362	31 719	52 979	13 988	1 412
1, detached	158 174	123 421	93 900	57 233	35 957	13 423	18 808	34 753	7 831	1 302
1, attached	13 562	12 367	10 930	5 226	5 674	299	1 168	1 115	411	30
2, detached	10 162	9 444	8 039	4 942	4 539	117	742	2 456	602	125
3 and 4	17 486	15 882	14 282	8 509	5 773	575	1 025	1 604	414	25
5 to 9	22 874	20 594	18 237	11 653	6 584	457	983	2 280	560	15
10 to 49	49 724	39 324	33 214	27 677	15 337	2 297	3 815	4 000	1 992	-
50 or more	59 067	53 892	47 002	43 051	3 951	1 526	5 364	5 175	1 867	-
Mobile home or trailer, etc.	418	302	261	214	16	16	16	116	16	-
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 605	11 075	13 983	21 498	5 372	1 015
1, detached	71 580	71 704	64 700	40 306	27 006	9 931	11 016	18 935	4 677	949
1, attached	5 145	4 742	3 883	1 995	2 288	131	728	403	164	7
2	4 758	4 156	3 470	2 765	705	222	232	602	125	34
3 and 4	6 534	5 934	5 214	27 677	1 533	622	232	230	17	25
5 or more	26 544	25 295	23 200	18 963	4 237	600	1 495	1 269	381	-
Mobile home or trailer, etc.	221	162	145	129	16	16	16	116	16	-
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 508	7 333	10 729	18 756	4 836	397
1, detached	39 580	39 146	34 306	21 340	13 606	3 132	4 684	12 118	2 616	353
1, attached	7 779	7 065	6 569	3 383	3 186	163	333	714	224	45
2	10 162	8 718	7 215	4 891	2 324	509	946	1 946	39	8
3 and 4	7 184	6 708	10 831	6 299	516	321	556	1 010	243	17
5 to 9	16 325	15 235	14 049	9 708	4 341	355	851	1 070	479	-
10 to 49	29 854	28 416	24 791	20 910	3 831	1 920	3 850	4 138	1 930	-
50 or more	25 566	24 460	22 169	19 362	2 807	1 017	4 556	924	327	-
Mobile home or trailer, etc.	152	114	98	67	31	16	-	38	-	-

UNITS IN STRUCTURE BY GROSS RENT

Specified renter-occupied housing units	139 326	121 391	103 524	75 375	28 149	7 302	10 565	17 935	4 768	261
1, mobile home or trailer, etc.	44 701	32 652	24 529	13 905	10 614	3 280	4 853	12 049	2 772	222
Median gross rent	9343	8366	8373	8272	8374	8338	8351	8246	8363	8291
4 or more	88 739	87 905	81 470	57 535	21 512	6 886	1 996	3 839	83 935	10 690
Median gross rent	5300	5300	5301	5279	5311	5241	5324	5295	5334	5300

Table 61. Equipment and Plumbing Facilities: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Urban and Rural and Size of Place Inside and Outside SMSA's

The State	Total	Urban					Rural				
		Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
		Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
332 205	279 226	228 145	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 864	81 341
322 775	272 571	222 801	156 912	65 889	18 754	31 142	50 204	13 589	1 340	244 932	77 643
9 469	5 623	4 392	3 515	877	758	547	3 776	681	213	4 726	4 743
161 093	134 675	110 350	88 640	21 710	8 051	16 264	26 418	8 092	491	123 193	37 900
49 328	42 203	32 065	16 834	15 231	4 060	6 048	7 125	1 834	202	36 101	13 227
112 513	96 655	81 838	52 516	28 822	6 457	8 860	15 660	3 381	506	86 844	25 471
327 197	278 495	227 656	161 185	66 471	19 329	31 510	48 702	13 765	1 125	250 023	77 174
443	204	182	90	92	7	22	239	3	-	279	164
92	22	15	15	-	-	-	71	-	15	33	60
4 472	505	292	215	77	26	187	3 967	220	272	529	943
270 701	250 379	218 859	157 901	60 958	11 778	19 742	20 322	7 067	25	232 523	38 178
57 576	26 914	7 845	2 502	5 343	7 501	11 568	30 662	6 698	1 308	16 708	40 868
3 928	1 933	1 441	1 102	339	83	409	1 995	223	79	1 633	2 295
271 934	223 255	177 002	122 675	54 927	18 650	27 003	48 679	13 005	1 400	198 012	73 922
19 340	17 028	15 169	12 182	2 987	63	796	2 312	441	-	16 204	3 136
40 931	38 943	35 374	26 648	8 726	649	2 920	9 988	542	12	36 648	4 283
332 205	279 226	228 145	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 864	81 341
15 293	14 903	14 268	10 122	4 146	283	352	390	93	15	14 674	619
1 372	1 279	1 220	957	263	6	53	93	4	5	1 283	89
3 436	2 962	2 610	1 782	828	128	242	474	60	-	2 928	508
6 389	6 018	5 061	2 140	2 921	758	199	371	50	-	5 383	1 006
171	155	144	69	75	11	-	16	-	-	144	27
346	339	349	250	159	25	19	118	193	-	12	319
307	191	167	104	54	113	24	116	14	-	167	140
7 421	4 065	3 145	1 549	1 596	389	531	3 356	348	172	3 133	408
269 277	249 307	201 221	144 582	56 639	17 744	30 342	47 970	13 419	1 208	222 553	74 724
151 916	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015	114 793	37 123
7 623	7 404	7 080	4 414	2 666	151	173	219	61	12	7 276	347
7 333	7 333	6 862	4 226	2 636	133	5	219	61	101	7 072	323
1 389	1 142	934	553	381	113	95	247	5	-	1 060	329
2 354	2 187	1 498	911	587	574	115	167	36	-	1 612	742
78	73	71	39	32	7	-	16	7	-	71	14
217	103	74	61	13	11	18	114	-	12	84	133
42	47	38	20	18	24	85	85	19	-	109	24
4 547	2 749	2 029	1 114	915	351	369	1 798	155	131	2 146	2 401
135 121	116 416	93 390	62 421	30 969	9 844	13 182	18 805	5 097	855	102 250	32 971
142 136	123 380	105 318	76 760	29 058	7 333	10 729	18 756	4 836	397	115 421	26 715
7 327	7 166	6 904	5 478	1 426	117	145	161	25	3	7 072	330
825	788	760	521	239	6	22	37	-	-	813	12
1 887	1 713	1 599	1 160	439	15	99	174	48	-	1 752	135
3 818	3 616	2 977	1 154	2 243	166	53	202	14	-	3 272	246
75	66	62	19	43	4	-	9	-	-	62	13
301	227	181	46	135	19	19	74	-	-	227	74
146	120	120	34	86	-	-	26	-	-	120	36
2 398	1 236	1 070	394	676	27	102	702	162	41	1 209	1 029
125 519	108 448	91 179	67 319	23 860	6 998	10 271	17 071	4 587	353	100 569	24 950
294 052	253 798	210 478	144 015	64 663	18 408	24 712	40 254	10 206	1 412	220 214	63 638
14 495	10 762	7 561	5 571	1 990	1 047	2 154	3 733	817	126	9 274	5 221
30 509	27 619	23 785	20 919	2 866	1 727	2 107	2 890	933	50	25 628	4 881
115 357	102 334	88 976	63 905	24 320	5 895	8 238	13 253	3 905	260	87 964	19 922
94 699	80 072	65 161	40 476	24 485	6 380	8 531	14 627	3 684	448	71 456	23 243
53 487	43 773	33 507	20 715	12 792	4 485	5 781	9 714	2 213	654	37 395	16 092
34 409	29 927	25 373	21 934	3 439	2 014	2 540	4 482	1 270	131	27 625	6 784
134 764	115 332	96 489	68 606	27 883	7 527	11 316	19 432	4 832	574	105 944	28 820
91 400	79 364	65 219	40 454	24 785	6 167	7 978	12 902	2 991	465	71 137	20 268
33 479	29 175	23 597	15 041	8 556	2 700	2 878	4 304	1 115	242	25 508	7 971
238 662	214 295	184 061	130 333	53 728	13 333	16 901	24 167	6 646	485	198 141	40 321
50 555	36 442	24 765	14 541	10 224	4 588	7 089	14 113	3 203	781	29 748	20 807
4 218	2 639	1 661	1 015	646	383	595	1 579	312	111	2 038	580
817	422	191	126	65	104	127	395	47	85	287	530
151 916	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015	114 793	37 123
19 292	16 169	13 328	7 854	5 474	803	2 038	3 123	470	54	14 917	4 375
31 380	31 762	24 976	15 616	9 375	2 224	4 562	5 618	1 217	288	27 906	9 474
30 114	25 369	20 427	12 521	7 906	2 118	2 824	4 745	1 059	153	22 412	7 702
33 322	31 778	26 433	17 638	8 795	2 738	2 607	3 554	1 008	207	28 370	6 962
19 956	16 897	13 787	10 471	3 866	1 894	1 216	2 491	471	169	14 487	3 800
10 502	8 443	6 409	5 720	689	1 298	736	2 059	729	147	6 701	3 801
142 136	123 380	105 318	76 760	29 058	7 333	10 729	18 756	4 836	397	115 421	26 715
59 549	51 881	43 724	29 493	14 231	3 231	4 926	7 668	2 077	38	48 256	11 293
50 089	44 859	38 599	27 812	11 147	2 477	3 423	5 230	1 484	192	42 128	7 961
15 980	13 835	11 835	9 836	2 009	771	1 219	2 145	497	35	12 968	3 012
10 332	8 750	7 474	4 560	914	345	731	1 582	345	69	8 902	2 600
6 186	4 055	3 316	2 559	757	509	430	2 131	433	153	3 815	2 371
44 727	36 917	29 386	24 507	4 879	3 750	3 781	7 810	2 347	366	31 786	12 941
29 002	23 823	18 652	15 132	3 520	2 606	2 565	5 179	1 621	268	20 015	8 987
1 137	1 137	1 137	1 137	1 137	1 137	1 137	1 137	1 137	1 137	1 137	1 137
9 214	8 658	8 006	506	100	153	80	375	85	12	8 015	528
11 502	10 068	8 332	7 547	785	383	753	1 434	523	45	8 902	2 600
2 031	1 439	955	573	282	173	231	592	155	19	1 091	149
41 195	33 615	26 360	22 169	4 191	3 983	3 672	5 780	2 134	361	28 967	12 533
31 951	21 459	24 434	19 555	4 479	3 644	3 381	7 592	2 300	354	26 652	12 399

Table 62. Fuels and Financial Characteristics: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

Occupied housing units	294 052	253 798	210 678	146 015	64 663	18 408	24 712	40 254	10 208	1 412	230 214	63 838
HOUSE HEATING FUEL												
Utility gas	12 131	12 007	11 837	9 055	2 782	95	75	124	16	4	11 990	141
Bottled, tank, or LP gas	3 441	2 879	2 384	1 133	1 251	207	288	562	99	21	2 667	774
Electricity	13 147	11 765	10 114	5 403	4 711	1 022	629	1 382	178	20	10 883	2 278
Fuel oil, kerosene, etc.	984	494	435	98	337	23	26	490	93	27	463	549
Coal or coke	22	22	22	22	22	-	-	-	-	-	22	-
Wood	3 345	1 533	1 086	396	688	219	228	1 812	138	132	1 167	118
Other fuel	242	234	231	166	65	-	3	8	12	-	231	11
No fuel used	260 740	224 864	184 569	129 740	54 829	16 842	23 453	35 876	9 684	1 208	202 819	57 921
WATER HEATING FUEL												
Utility gas	44 853	44 099	40 119	34 356	5 763	2 658	1 322	754	318	9	41 185	3 668
Bottled, tank, or LP gas	26 129	14 508	7 691	5 712	1 979	2 570	1 067	11 621	2 901	488	9 089	17 040
Electricity	214 835	190 493	159 955	103 646	56 309	12 296	18 242	24 342	6 271	728	176 742	38 093
Fuel oil, kerosene, etc.	1 722	1 152	828	796	32	113	211	570	156	5	848	874
Coal or coke	4 719	2 726	1 431	967	464	203	792	1 993	445	131	1 644	3 075
Other	1 794	820	654	538	116	88	78	974	118	51	706	1 088
No fuel used	-	-	-	-	-	-	-	-	-	-	-	-
COOKING FUEL												
Utility gas	37 200	36 396	32 915	27 939	4 976	2 227	1 254	804	296	11	33 839	3 361
Bottled, tank, or LP gas	24 907	11 832	5 190	3 622	1 568	2 449	4 193	13 075	2 990	648	6 890	18 017
Electricity	228 964	203 692	171 295	113 433	57 862	13 406	18 991	25 272	6 748	724	188 020	40 944
Other	1 186	397	184	138	46	55	158	789	85	29	5 361	802
No fuel used	1 795	1 481	1 094	883	211	271	116	314	89	-	1 204	591
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units												
With a mortgage	109 102	91 355	70 576	43 569	27 007	9 766	11 013	17 747	4 588	517	77 587	31 515
Less than \$100	77 464	67 520	53 537	30 068	23 469	5 819	8 164	9 924	2 375	208	59 081	18 363
\$100 to \$149	404	305	190	116	74	58	57	99	23	6	242	162
\$150 to \$199	2 997	2 372	1 415	742	673	441	543	625	244	44	1 732	1 265
\$200 to \$249	5 460	4 658	3 372	1 647	1 725	555	731	802	234	11	3 826	1 634
\$250 to \$299	7 383	6 345	4 848	2 173	2 135	715	782	1 238	283	4	5 381	2 202
\$300 to \$349	6 994	5 843	4 313	2 541	1 772	659	871	1 151	356	33	4 809	2 185
\$350 to \$399	6 776	5 779	4 374	2 452	1 922	649	756	997	172	13	4 875	1 901
\$400 to \$449	5 951	5 173	3 926	2 243	1 683	613	634	778	181	20	4 301	1 650
\$450 to \$499	5 835	5 015	3 989	2 280	1 709	531	495	820	172	9	4 404	1 451
\$500 to \$549	9 543	8 621	6 943	3 726	3 217	663	1 015	922	159	13	7 642	1 901
\$550 to \$599	14 029	12 901	11 644	6 465	5 197	1 338	1 539	1 338	209	16	12 499	1 800
\$600 or more	14 039	12 901	11 644	6 465	5 197	1 338	1 539	1 338	209	16	12 499	1 800
Median	\$463	\$476	\$499	\$501	\$497	\$380	\$415	\$386	\$339	\$373	\$494	\$382
Not mortgaged												
Less than \$50	31 658	23 835	17 039	13 501	3 538	3 947	2 849	7 823	2 213	309	18 056	13 152
\$50 to \$74	1 310	516	242	161	81	106	168	794	92	42	353	957
\$75 to \$99	4 508	2 854	1 521	1 145	376	829	504	1 654	516	42	1 789	2 719
\$100 to \$149	7 256	5 182	3 446	2 600	846	1 069	667	1 074	655	65	3 815	3 451
\$150 to \$199	11 930	9 626	7 223	5 707	1 516	1 407	996	2 304	681	122	7 716	2 414
\$200 to \$249	4 517	3 876	2 165	2 605	561	374	336	1 171	157	30	3 319	1 208
\$250 or more	1 330	1 164	967	846	121	113	84	166	81	8	1 022	378
Median	737	617	474	437	37	49	94	120	31	-	492	245
	\$110	\$115	\$120	\$123	\$113	\$99	\$104	\$93	\$94	\$102	\$119	\$96
GROSS RENT												
Specified renter-occupied housing units												
Less than \$50	139 326	121 391	103 524	75 375	28 149	7 302	10 565	17 935	4 768	261	113 374	25 952
\$50 to \$59	646	499	396	233	98	43	76	247	45	18	358	288
\$60 to \$79	989	746	496	458	38	174	74	743	64	-	542	447
\$80 to \$99	2 275	1 499	1 110	749	321	208	181	776	144	12	1 403	872
\$100 to \$119	5 150	2 372	1 415	742	673	441	545	625	244	12	1 121	1 265
\$120 to \$149	5 460	4 658	3 372	1 647	1 725	555	731	802	234	11	3 826	1 634
\$150 to \$169	7 383	6 345	4 848	2 173	2 135	715	782	1 238	283	4	5 381	2 202
\$170 to \$199	6 994	5 843	4 313	2 541	1 772	659	871	1 151	356	33	4 809	2 185
\$200 to \$249	3 501	2 921	2 333	2 020	313	257	231	580	251	-	2 539	962
\$250 to \$299	6 897	6 283	5 122	3 064	1 566	492	649	614	222	12	5 680	1 217
\$300 to \$349	17 285	15 795	14 017	10 487	3 330	933	845	1 490	559	-	15 053	2 232
\$350 to \$399	17 416	16 015	14 040	10 240	2 938	890	1 076	1 401	349	7	15 139	2 277
\$400 to \$449	15 334	14 227	12 593	9 151	2 933	899	1 076	1 401	349	7	15 139	2 277
\$450 to \$499	12 474	13 422	11 670	8 560	3 110	599	1 153	1 322	373	21	12 858	1 860
\$500 to \$549	17 877	16 134	13 525	9 727	3 798	976	1 633	1 743	573	15	14 766	3 111
\$550 or more	12 474	13 422	11 670	8 560	3 110	599	1 153	1 322	373	21	12 858	1 860
No cash rent	16 443	13 190	11 984	6 026	5 958	524	682	3 253	780	114	13 159	3 284
Median	\$311	\$315	\$316	\$310	\$335	\$277	\$335	\$267	\$272	\$197	\$315	\$286
HOUSEHOLD INCOME IN 1979												
Occupied housing units												
Median income	29 452	30 524	31 411	30 879	32 579	29 218	29 113	27 106	27 510	30 733	30 061	28 423
Owner-occupied housing units	151 916	130 418	105 360	69 755	35 405	11 075	13 983	21 498	5 372	1 015	114 793	37 123
Median income	32 863	32 925	33 905	33 232	33 024	29 585	29 227	27 307	27 208	32 449	32 237	29 528
Renter-occupied housing units	142 136	123 380	105 318	76 260	29 258	7 333	10 729	18 756	4 836	397	115 421	26 715
Median income	13 853	13 951	14 216	14 231	14 183	11 156	13 029	13 130	12 934	16 947	13 966	13 280
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units												
Percent below poverty level	6 197	4 556	3 323	2 367	954	478	755	1 641	291	126	3 991	2 206
Complete planning for exclusive use	4 11	3 5	3 2	3 4	2 7	4 3	5 4	7 6	5 4	12 4	3 5	5 9
1.01 or more persons per room	5 874	4 498	3 261	2 314	947	478	749	1 686	285	117	3 614	1 962
Locking complete planning for exclusive use	5 874	4 498	3 261	2 314	947	478	749	1 686	285	117	3 614	1 962
1.01 or more persons per room	5 874	4 498	3 261	2 314	947	478	749	1 686	285	117	3 614	1 962
Renter-occupied housing units	23 509	19 789	15 399	11 676	3 723	1 933	2 457	3 920	858	50	17 942	5 567
Percent below poverty level	16 5	16 0	14 6	15 3	12 8	26 4	22 9	17 8	17 7	12 6	15 5	20 8
Complete planning for exclusive use	22 148	18 786	14 823	11 218	3 605	1 773	2 390	3 182	740	47	16 469	4 869
1.01 or more persons per room	5 675	5 019	3 876	2 903	973	322	821	656	102	37	4 815	898
Locking complete planning for exclusive use	5 675	5 019	3 876	2 903	973	322	821	656	102	37	4 815	898
1.01 or more persons per room	5 675	5 019	3 876	2 903	973	322	821	656	102	37	4 815	898

Table 63. Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's

	Urban					Rural				
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 or more, 2,500	Rural form
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 10,000 or less			
Occupied housing units	114 363	96 420	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408 89 682 24 481
YEAR STRUCTURE BUILD										
1979 to March 1980	4 412	2 845	1 842	1 298	544	218	785	1 567	189	14 2 122 2 290
1975 to 1978	17 175	13 354	10 919	6 883	4 036	480	1 955	3 821	716	83 11 997 5 178
1970 to 1974	25 240	21 378	17 130	10 716	6 414	1 282	2 966	3 862	741	57 19 411 9 829
1965 to 1969	27 179	27 173	24 092	17 121	6 971	1 511	2 947	2 499	407	58 26 693 4 387
1950 to 1959	17 866	16 147	14 668	10 222	4 446	516	963	7 019	435	42 15 729 2 137
1940 to 1949	9 302	7 734	6 405	4 801	1 604	526	709	1 572	597	35 7 567 935
1939 or earlier	10 445	7 642	6 266	4 769	1 497	827	749	2 603	550	119 6 783 3 662
BEDROOMS										
None	6 973	5 966	5 265	5 030	235	319	382	1 007	208	14 5 541 1 432
1	20 587	17 771	15 303	13 570	1 733	724	1 082	1 722	702	38 16 319 4 118
2	33 127	27 866	24 040	16 961	7 079	1 312	2 514	5 261	1 153	97 26 301 4 171
3	38 062	30 907	24 630	13 264	11 366	2 058	4 219	7 155	3 336	141 28 136 9 926
4	13 292	11 976	10 473	7 556	2 917	383	1 121	1 317	258	103 11 423 1 870
5 or more	2 471	2 189	1 875	1 237	638	165	149	1 282	38	15 1 762 509
UNITS IN STRUCTURE										
1, detached	49 406	37 140	28 337	17 957	10 380	3 001	5 802	12 466	2 107	368 32 452 17 154
1, attached	6 928	6 384	5 677	2 551	3 126	88	619	564	164	— 6 466 462
2	5 737	4 701	3 992	2 377	1 615	152	557	1 036	204	40 4 566 1 171
3 and 4	6 517	4 909	4 092	3 005	1 087	151	274	662	108	— 6 692 487
5 to 9	6 301	7 590	6 922	3 618	3 304	131	537	711	330	— 7 551 750
10 to 49	14 406	13 168	11 361	9 170	2 191	752	1 055	1 238	485	— 11 765 2 441
50 or more	21 545	20 552	19 053	16 995	2 058	677	1 213	1 002	309	— 19 538 1 870
Mobile home or trailer, etc.	261	177	152	143	9	8	17	84	8	— 152 109
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units										
1, mobile home or trailer, etc.	21 097	15 816	12 494	6 482	6 012	1 124	2 858	5 281	1 063	75 52 703 11 487
Median gross rent	\$396	\$410	\$416	\$441	\$391	\$382	\$403	\$362	\$323	\$500+ \$406 \$375
2, median gross rent	\$399	\$389	\$347	\$257	\$253	\$214	\$214	\$345	\$164	\$300- \$314 \$314
Median gross rent	\$343	\$341	\$343	\$344	\$336	\$269	\$377	\$368	\$420	\$300- \$342 \$343
BATHROOMS										
No bathroom or only a half bath	2 841	1 508	1 181	961	220	193	134	1 333	199	80 1 233 1 608
1 complete bathroom	51 563	43 479	36 347	28 381	7 966	2 340	4 792	8 088	1 974	110 40 993 10 970
1 complete bathroom plus half bath(s)	15 625	13 360	10 555	4 804	5 751	785	2 020	2 265	433	41 12 205 3 420
2 or more complete bathrooms	44 334	38 273	33 503	21 670	11 833	1 642	3 128	6 061	1 109	177 35 651 8 683
SOURCE OF WATER										
Public system or private company	111 827	96 345	81 380	55 636	25 744	4 941	10 024	15 482	3 579	293 89 389 22 438
Individual drilled well	150	34	26	26	—	—	8	116	3	— 85 42
Individual dug well	42	—	—	—	—	—	—	42	—	— 8 42
Some other source	2 344	241	180	154	26	19	42	2 103	133	107 228 2 116
HEATING EQUIPMENT										
Central or hot water system	2 407	2 356	2 248	1 607	641	56	52	51	13	— 2 303 104
Steam or warm-air furnace	712	640	590	434	156	6	44	72	4	5 630 82
Electric heat pump	705	550	479	339	140	20	51	155	23	— 588 117
For built-in electric units	2 514	2 345	2 063	493	1 570	220	52	189	15	— 2 183 241
Floor, wall, or pipeless furnace	53	37	37	16	21	—	16	—	—	— 37 16
Room heaters with fuel	162	38	32	20	12	—	6	124	—	5 32 130
Room heaters without fuel	163	95	89	6	83	6	—	68	10	— 89 74
Fireplaces, stoves, or portable room heaters	3 756	1 903	1 464	667	797	138	301	1 853	145	97 1 630 2 126
None	103 881	88 666	74 584	52 234	22 350	4 514	9 568	15 215	3 505	301 82 190 21 691
SELECTED CHARACTERISTICS										
No telephone	3 128	3 975	2 685	2 017	668	376	914	1 853	316	62 3 324 2 504
No complete kitchen facilities	3 820	2 222	1 785	503	282	209	228	898	102	40 1 925 1 195
Lacking air conditioning	89 517	73 040	59 598	39 987	19 617	4 760	8 682	16 477	2 504	408 66 664 22 833
Lacking public sewer	21 742	9 195	3 704	1 797	1 917	1 739	3 752	12 547	2 042	401 6 363 15 379
No vehicle available	11 623	10 803	8 493	6 871	612	572	782	786	187	— 9 048 1 565
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units										
1979 to March 1980	48 611	40 055	32 614	23 335	9 279	2 272	5 169	8 556	1 445	294 36 057 12 554
1975 to 1978	9 108	7 168	5 780	3 675	2 105	307	1 081	1 940	231	14 6 380 2 528
1970 to 1974	15 661	12 552	10 071	6 843	3 228	556	1 925	3 109	401	117 11 528 4 333
1965 to 1969	9 433	7 739	6 331	4 528	1 803	427	961	8 959	578	2 474 2 474
1960 to 1959	8 281	7 344	6 425	4 622	1 803	388	666	937	226	32 6 807 1 474
1950 to 1949	2 050	2 227	2 620	2 252	373	274	328	493	124	16 2 797 923
1939 or earlier	2 408	2 025	1 517	1 415	102	320	188	383	89	57 1 586 822
Renter-occupied housing units										
1979 to March 1980	65 752	56 565	48 972	32 481	16 491	2 688	4 905	9 187	2 270	114 53 625 12 127
1975 to 1978	32 992	27 963	23 840	15 057	8 783	1 393	2 730	5 029	1 325	45 26 403 6 389
1970 to 1974	24 041	21 254	18 919	12 174	6 745	899	1 436	2 787	729	27 20 369 3 672
1965 to 1969	5 133	4 317	3 657	3 025	638	122	416	816	165	16 4 011 1 172
1960 to 1959	2 682	2 349	2 009	1 790	219	101	239	333	72	18 2 235 447
1950 or earlier	904	682	547	435	112	57	78	222	29	8 607 297
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units										
Owner-occupied housing units	14 779	12 453	10 411	9 403	1 008	841	1 201	2 326	526	62 11 096 3 683
Owner-occupied housing units	9 409	7 776	6 436	5 322	784	492	712	1 273	412	62 6 792 2 607
Lacking complete plumbing for exclusive use	147	95	87	84	3	—	8	52	7	— 87 60
No complete kitchen facilities	386	308	252	249	3	39	17	76	—	— 276 110
No vehicle available	3 774	3 436	3 320	3 176	144	3	239	215	170	34 3 436 688
No telephone	3 944	3 448	2 333	218	15	61	54	124	5	— 258 214
Lacking central heating system	13 977	11 753	9 790	8 553	937	813	1 150	2 224	514	57 10 433 3 524
Lacking air conditioning	11 557	9 380	7 618	6 701	917	807	955	2 177	502	62 8 199 3 358

Table 64. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

	Urban					Rural				
	The State	Total	Inside urbanized areas			Outside urbanized areas		Total	Places of 1,000 to 2,500	Rural form
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000			
Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	—
YEAR STRUCTURE BUILT										
1979 to March 1980	152	118	106	47	59	5	7	34	—	—
1975 to 1978	1 003	975	923	494	429	18	34	28	—	—
1970 to 1974	1 174	1 070	990	369	621	29	88	67	—	—
1960 to 1969	1 040	1 034	950	359	591	19	25	16	4	—
1950 to 1959	628	614	601	218	383	—	13	14	14	—
1940 to 1949	398	372	367	125	242	5	—	26	10	—
1930 or earlier	239	226	219	119	100	7	—	33	21	—
BEDROOMS										
None	186	186	162	147	15	18	6	—	—	—
1	831	801	772	408	344	33	16	30	2	—
2	1 776	1 653	1 594	679	915	34	25	123	34	—
3	1 203	1 164	1 027	231	796	12	125	39	9	—
4	408	392	351	227	224	6	35	16	22	—
5 or more	50	50	50	39	11	—	—	—	—	—
UNITS IN STRUCTURE										
1, detached	766	665	569	262	307	41	55	101	21	—
1, attached	525	515	498	187	311	—	17	10	2	—
2	243	221	179	41	138	13	29	22	—	—
3 and 4	751	735	710	201	509	19	59	16	4	—
5 to 9	591	577	534	190	344	—	43	14	9	—
10 to 49	966	942	912	458	454	13	17	24	—	—
50 or more	812	791	754	392	362	16	21	21	9	—
Mobile home or trailer, etc.	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified rental-occupied housing units	3 783	3 633	3 480	1 437	2 043	58	95	150	27	—
1, mobile home or trailer, etc.	695	642	600	242	348	16	26	53	5	—
Median gross rent	\$409	\$416	\$423	\$291	\$445	\$240	\$400	\$331	\$275	—
2 or more	3 088	2 991	2 880	1 195	1 685	3	69	97	—	—
Median gross rent	\$314	\$313	\$311	\$324	\$307	\$205	\$394	\$323	\$450	—
BATHROOMS										
No bathroom or only a half bath	122	102	95	57	38	7	—	20	—	—
1 complete bathroom	2 468	2 288	2 131	971	1 160	63	94	120	45	—
1 complete bathroom plus half bath(s)	998	986	900	260	640	—	86	12	—	—
2 or more complete bathrooms	1 126	1 070	1 030	443	587	13	27	56	—	—
SOURCE OF WATER										
Public system or private company	4 602	4 430	4 140	1 715	2 425	83	207	172	45	—
Individual drilled well	—	—	—	—	—	—	—	—	—	—
Individual dug well	8	8	8	8	—	—	—	—	—	—
Some other source	44	8	8	8	—	—	—	36	—	—
HEATING EQUIPMENT										
Steam or hot water system	108	104	104	48	56	—	—	4	4	—
Central warm-air furnace	47	47	47	10	37	—	—	—	—	—
Electric heat pump	54	49	49	27	22	—	—	5	5	—
Other built-in electric units	327	315	304	5	299	—	11	12	—	—
Floor, wall, or pipeless furnace	22	22	22	—	22	—	—	—	—	—
Room heaters with fuel	19	19	19	—	—	—	—	—	—	—
Room heaters without fuel	8	8	8	—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	82	76	76	21	55	—	—	6	—	—
None	3 987	3 806	3 527	1 601	1 926	83	196	181	36	—
SELECTED CHARACTERISTICS										
No telephone	367	338	308	118	190	18	12	29	2	—
No complete kitchen facilities	63	57	50	43	7	7	—	—	—	—
Lacking air conditioning	3 378	3 195	2 934	995	1 939	78	183	163	40	—
Lacking public sewer	248	167	122	41	81	19	26	81	6	—
No vehicle available	500	494	470	231	239	7	17	6	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	748	692	555	258	297	25	112	56	16	—
1979 to March 1980	219	181	149	25	124	—	32	38	16	—
1975 to 1978	236	193	193	85	107	13	52	10	—	—
1970 to 1974	119	111	79	36	43	43	12	8	—	—
1960 to 1969	94	94	86	63	23	—	8	—	—	—
1950 to 1959	39	39	39	—	—	—	—	—	—	—
1949 or earlier	9	9	9	—	—	—	—	—	—	—
Renter-occupied housing units	3 906	3 754	3 601	1 473	2 128	58	95	152	29	—
1979 to March 1980	2 363	2 244	2 121	867	1 258	45	78	119	25	—
1975 to 1978	1 397	1 364	1 342	506	836	5	17	33	4	—
1970 to 1974	91	91	83	37	51	8	—	—	—	—
1960 to 1969	48	48	42	6	—	—	—	—	—	—
1950 or earlier	7	7	7	—	—	—	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	286	182	157	139	18	20	5	24	16	—
Owner-occupied housing units	120	96	76	76	8	7	—	24	16	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	50	50	50	44	6	—	—	—	—	—
No vehicle available	—	—	—	—	—	—	—	—	—	—
No telephone	—	—	—	—	—	—	—	—	—	—
Lacking central heating system	194	170	145	127	18	20	5	24	16	—
Lacking air conditioning	141	117	97	87	10	20	—	24	16	—

Table 65. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State Urban and Rural and Size of Place Inside and Outside SMSA's	Urban										Rural				
	The State	Total	Inside urbanized areas			Outside urbanized areas			Places of 10,000 or more	Places of 2,500 to 10,000	Total	Places of 1,000 to 2,500	Rural farm	Inside SMSA's	Outside SMSA's
			Total	Central cities	Urban fringe	Total	Central cities	Urban fringe							
Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57	12 924	4 044			
YEAR STRUCTURE BUILT															
1979 to March 1980	464	390	211	119	92	56	123	74	—	6	266	198			
1975 to 1978	2 187	1 797	1 262	693	569	142	393	390	77	12	1 347	640			
1970 to 1974	3 590	2 926	2 183	1 213	970	243	500	464	186	4	2 432	958			
1960 to 1969	4 444	4 059	3 323	1 927	1 396	239	477	385	75	—	3 817	627			
1950 to 1959	3 091	2 752	2 361	1 481	880	105	266	339	101	8	2 678	413			
1940 to 1949	1 889	1 106	786	481	352	112	208	283	82	8	996	393			
1939 or earlier	1 803	1 126	792	565	227	189	145	677	185	27	988	815			
BEDROOMS															
None	1 072	914	822	718	104	60	32	158	64	5	866	206			
1	3 169	2 921	2 415	1 839	576	206	300	248	96	—	2 574	595			
2	4 999	4 265	3 498	1 935	1 563	317	430	374	186	11	4 078	921			
3	5 748	4 452	3 000	1 791	1 209	415	1 047	1 266	283	8	3 955	1 793			
4	1 617	1 314	945	409	536	83	286	303	64	29	1 181	436			
5 or more	363	280	238	126	112	25	17	83	13	4	270	93			
UNITS IN STRUCTURE															
1, detached	7 613	5 516	3 609	1 480	2 129	603	1 304	2 097	450	52	4 749	2 864			
1, attached	873	761	651	283	368	111	99	112	46	5	767	106			
2	1 033	879	641	393	248	81	157	154	46	—	779	254			
3 and 4	1 137	1 065	952	417	535	57	56	72	9	—	1 029	108			
5 to 9	1 726	1 625	1 367	746	621	66	192	101	30	—	1 577	149			
10 or more	1 799	1 585	1 271	673	527	182	332	182	90	8	1 407	199			
50 or more	1 799	1 585	1 271	673	527	182	332	182	90	8	1 407	199			
Mobile home or trailer, etc.	20	20	20	9	11	—	—	—	—	—	20	—			
UNITS IN STRUCTURE BY GROSS RENT															
Specified renter-occupied housing units	10 300	8 823	7 190	4 567	2 623	678	1 025	1 407	352	17	8 378	1 922			
1, mobile home or trailer, etc.	3 250	2 296	1 783	742	841	264	479	924	170	17	2 164	1 086			
Median gross rent	5339	5359	5364	5375	5347	5345	5345	5250	5337	5500+	5349	5314			
2 or more	7 050	5 527	5 607	3 825	1 782	416	546	483	182	—	6 214	1 836			
Median gross rent	5293	5295	5296	5299	5288	5225	5322	5321	5267	—	5299	5234			
BATHROOMS															
No bathroom or only a half bath	642	460	346	263	83	59	55	182	51	17	377	265			
1 complete bathroom	9 576	8 077	6 343	4 201	2 142	612	1 122	1 499	402	24	7 542	2 034			
1 complete bathroom plus half bath(s) ..	2 553	2 123	1 531	515	1 016	140	452	430	111	—	1 875	678			
2 or more complete bathrooms	4 197	3 496	2 698	1 237	1 461	295	503	701	142	16	3 130	1 067			
SOURCE OF WATER															
Public supply or private company	16 673	14 065	10 856	6 211	4 645	1 106	2 103	2 608	684	28	12 794	3 879			
Individual drilled well	54	30	10	11	19	—	—	24	—	—	54	—			
Individual dug well	—	—	—	—	—	—	—	—	—	—	—	—			
Some other source	241	61	32	14	18	—	29	180	22	29	76	165			
HEATING EQUIPMENT															
Steam or hot water system	1 287	1 233	1 156	709	447	28	49	54	18	—	1 203	84			
Central warm-air furnace	104	95	89	60	29	6	—	9	—	—	95	9			
Electric heat pump	279	234	216	106	110	78	10	45	10	—	252	27			
Other built-in electric units	489	449	408	156	252	19	22	40	17	—	453	36			
Floor, wall, or pipeless furnace	31	31	31	23	8	—	—	—	—	—	31	—			
Room heaters with flue	16	10	10	6	—	—	—	6	—	—	10	6			
Room heaters without flue	13	13	13	6	7	—	—	—	—	—	13	—			
Fireplaces, stoves, or portable room heaters ..	289	169	113	26	87	8	48	120	6	—	137	152			
None	14 460	11 922	8 882	5 140	3 742	1 037	2 003	2 538	657	57	10 730	3 730			
SELECTED CHARACTERISTICS															
No telephone	1 273	1 012	678	422	256	130	204	261	71	5	873	400			
No complete kitchen facilities	349	250	162	143	39	48	20	99	25	—	206	143			
No kitchen conditioning	14 863	12 138	9 106	5 209	3 897	1 073	1 959	2 725	689	57	10 994	3 869			
Lacking public sewer	3 779	1 852	692	154	538	300	860	1 277	359	57	1 407	2 372			
No vehicle available	2 109	1 634	1 487	1 132	355	120	227	275	98	5	1 776	333			
YEAR HOUSEHOLDER MOVED INTO UNIT															
Owner-occupied housing units	6 491	5 144	3 638	1 631	2 007	428	1 078	1 347	347	35	4 415	2 076			
1979 to March 1980	861	741	481	213	268	69	191	120	3	6	628	233			
1975 to 1978	1 728	1 288	870	340	530	107	351	400	99	25	1 116	612			
1970 to 1974	1 666	1 210	892	276	616	85	233	456	105	4	1 078	588			
1960 to 1969	1 446	1 211	908	456	452	114	189	235	79	—	1 061	385			
1950 to 1959	295	414	233	120	120	17	74	81	41	—	351	144			
1949 or earlier	495	240	164	103	21	36	40	55	20	—	181	114			
Renter-occupied housing units	10 477	9 012	7 280	4 605	2 675	678	1 054	1 465	359	22	8 509	1 968			
1979 to March 1980	4 424	3 916	3 135	1 856	1 279	284	497	508	149	—	3 675	749			
1975 to 1978	3 853	3 462	2 820	1 659	961	273	369	391	131	—	3 204	649			
1970 to 1974	1 166	880	690	492	198	73	117	286	54	12	857	309			
1960 to 1969	675	526	450	305	145	38	149	149	12	5	532	143			
1959 or earlier	359	228	185	93	92	10	33	131	13	—	241	118			
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER															
Occupied housing units	1 849	1 504	1 142	773	369	114	248	345	105	4	1 342	507			
Owner-occupied housing units	912	738	531	317	214	70	137	174	66	4	601	311			
Lacking complete plumbing for exclusive use ..	67	58	45	38	7	—	13	9	—	—	45	22			
No complete kitchen facilities	41	41	41	25	13	—	—	7	—	—	41	13			
No vehicle available	558	443	371	300	71	20	52	115	31	—	461	97			
No telephone	113	97	65	43	22	6	26	16	—	—	80	33			
Lacking central heating system	1 633	1 299	952	692	259	114	233	334	99	4	1 137	496			
Lacking air conditioning	1 742	1 397	1 066	731	335	114	217	345	105	4	1 249	493			

Table 66. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State	Asian and Pacific Islander													Race, n.e.c.
	American Indian	Esquimo	Alut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other	
Occupied housing units.....	959	7	21	78 002	16 502	31 989	5 523	227	733	29 064	392	2 664	1 575	5 377
YEAR STRUCTURE BUILT														
1979 to March 1980.....	28	...	...	2 175	644	1 109	100	23	18	823	...	41	61	137
1975 to 1978.....	142	...	...	7 062	1 895	3 293	781	12	57	3 319	55	210	180	675
1970 to 1974.....	254	...	...	12 731	3 400	6 408	1 411	78	155	6 037	88	504	309	1 045
1960 to 1969.....	177	...	15	23 345	5 326	8 198	1 687	49	221	7 704	134	894	442	1 419
1950 to 1959.....	171	...	6	15 264	3 516	4 965	1 716	19	164	5 164	68	542	263	944
1940 to 1949.....	83	...	...	7 391	1 862	2 752	113	25	70	2 610	23	249	162	584
1939 or earlier.....	104	...	...	10 064	1 839	5 264	415	21	48	3 407	24	222	158	573
BEDROOMS														
None.....	123	...	...	3 550	1 027	1 877	662	13	95	1 446	28	105	204	329
1.....	315	...	8	11 169	3 461	5 801	1 577	59	285	4 733	63	503	466	914
2.....	161	...	6	17 007	4 315	8 325	1 484	51	230	6 626	107	925	491	1 630
3.....	285	...	7	23 942	6 466	11 329	1 296	69	87	10 912	159	646	339	1 892
4.....	69	...	...	9 564	2 395	3 111	393	31	36	3 625	21	249	76	513
5 or more.....	6	...	...	2 770	888	1 546	111	4	...	722	14	40	29	99
UNITS IN STRUCTURE														
1, detached.....	292	...	15	50 282	10 289	16 876	2 000	90	90	17 485	118	567	432	2 260
1, attached.....	1	...	...	1 797	483	1 577	130	9	16	996	23	75	67	254
2.....	63	...	...	3 063	916	2 862	202	10	26	1 286	22	129	48	293
3 and 4.....	90	...	...	3 053	780	2 276	224	20	29	1 258	45	174	46	433
5 to 9.....	59	...	6	4 372	973	2 379	331	12	111	2 080	58	995	205	589
10 to 49.....	218	...	...	7 849	2 864	5 405	1 057	32	3	400	73	446	153	1 051
50 or more.....	195	...	...	7 538	2 760	2 391	1 579	54	190	2 454	53	467	204	497
Mobile home or trailer, etc.....	...	...	...	48	17	23	...	...	...	13	...	11	...	...
UNITS IN STRUCTURE BY GROSS RENT														
Specified renter-occupied housing units.....	761	...	14	23 840	5 487	15 851	3 001	102	648	14 270	294	2 206	1 186	3 486
1, mobile home or trailer, etc.....	189	...	8	7 475	1 170	6 282	405	25	56	5 700	71	303	249	776
Medium gross rent.....	\$450	...	\$275	\$269	\$348	\$190	\$379	\$504	\$450	\$341	\$250	\$378	\$364	\$533
2 or more.....	572	...	6	16 365	4 317	9 569	2 596	77	592	8 570	223	1 903	927	2 510
Medium gross rent.....	\$317	...	\$375	\$265	\$277	\$263	\$315	\$288	\$310	\$288	\$301	\$226	\$289	\$301
BATHROOMS														
No bathroom or only a half bath.....	59	...	...	1 523	325	1 831	242	19	53	854	...	93	52	150
1 complete bathroom.....	220	...	14	32 571	7 475	16 914	3 043	86	500	14 968	251	1 846	1 119	3 147
1 complete bathroom plus half bathroom.....	114	...	...	15 397	2 834	4 716	633	9	45	4 673	73	353	193	774
2 or more complete bathrooms.....	266	...	7	28 511	7 868	8 528	1 605	113	115	8 569	68	372	211	1 307
SOURCE OF WATER														
Public system or private company.....	931	...	21	77 589	18 440	31 517	5 495	227	733	28 513	392	2 659	1 571	5 333
Individual drilled well.....	...	...	...	61	98	20	...	...	...	32	...	...	...	...
Individual dug well.....	...	...	...	7	...	...	...	...	...	29	...	...	...	...
Some other source.....	28	...	...	345	55	374	8	...	...	490	...	5	4	39
HEATING EQUIPMENT														
Steam or hot water system.....	20	...	...	4 618	1 538	2 899	513	26	111	1 922	41	299	148	300
Central warm-air furnace.....	...	...	...	131	41	81	27	...	...	67	...	15	6	31
Electric heat pump.....	...	...	...	686	319	685	170	...	11	426	...	63	47	106
Other built-in electric units.....	7	...	...	1 178	335	733	124	8	11	592	41	93	10	189
Floor, wall, or pipeless furnace.....	...	...	...	...	...	50	...	...	6	73	...	4	...	...
Room heaters with fuel.....	...	...	...	117	30	61	...	...	9	73	5	27	...	15
Room heaters without fuel.....	...	...	...	37	21	45	...	...	...	19	...	...	...	...
Fireplaces, stoves, or portable room heaters.....	11	...	...	1 503	347	364	60	...	...	550	...	...	18	94
None.....	921	...	21	69 707	15 871	27 071	4 629	193	585	25 415	305	2 159	1 346	4 642
SELECTED CHARACTERISTICS														
No telephone.....	138	...	...	1 652	512	1 975	152	27	100	2 305	24	716	291	408
No complete kitchen facilities.....	70	...	...	1 273	271	1 111	111	15	23	399	...	89	40	72
Lacking air conditioning.....	750	...	21	66 481	14 763	29 720	4 278	193	656	26 817	304	2 495	1 404	4 761
Lacking public sewer.....	158	...	8	13 842	1 455	6 207	359	38	15	9 007	34	231	130	1 066
No vehicle available.....	186	...	...	6 888	1 959	3 439	786	39	330	2 901	27	697	381	753
YEAR HOUSEHOLDER MOVED INTO UNIT														
Owner-occupied housing units.....	192	...	7	53 840	12 903	15 736	2 509	125	85	14 438	88	411	389	1 834
1979 to March 1980.....	38	...	...	4 456	1 430	1 993	397	40	19	1 230	...	62	97	203
1975 to 1978.....	73	...	...	9 248	2 612	4 450	616	35	46	3 656	43	130	125	410
1970 to 1974.....	42	...	...	9 531	2 213	3 998	517	22	8	3 066	18	112	89	506
1960 to 1969.....	9	...	...	15 700	3 252	3 576	591	10	12	3 276	27	79	40	385
1950 to 1959.....	...	...	...	9 965	2 096	1 214	274	...	...	1 721	...	23	18	196
1949 or earlier.....	...	...	...	1 540	1 300	505	114	18	...	1 049	...	...	5	20
Renter-occupied housing units.....	767	...	14	26 162	5 599	16 253	3 014	102	648	14 626	304	2 253	1 186	3 643
1979 to March 1980.....	411	...	...	6 198	1 538	5 158	1 349	52	355	4 954	166	726	800	1 667
1975 to 1978.....	238	...	...	7 820	1 906	5 526	1 156	44	267	5 084	106	1 014	304	1 182
1970 to 1974.....	57	...	...	3 854	813	2 572	308	6	15	2 359	27	313	47	385
1960 to 1969.....	39	...	...	3 461	543	1 505	140	...	5	1 536	5	145	23	200
1959 or earlier.....	22	...	...	2 449	381	1 492	61	...	6	693	...	65	12	94
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units.....	50	...	...	14 458	3 612	7 060	495	33	46	3 192	14	159	52	571
Owner-occupied housing units.....	15	...	...	10 287	2 735	3 485	322	22	...	2 224	4	24	18	287
Lacking complete plumbing for exclusive use.....	...	...	...	296	21	503	14	...	...	141	...	...	...	10
No complete kitchen facilities.....	7	...	...	227	85	367	12	5	...	95	...	...	...	10
No vehicle available.....	15	...	...	3 690	921	1 660	171	15	25	693	5	86	21	206
No telephone.....	5	...	...	443	103	778	5	...	4	168	...	...	...	13
Lacking central heating system.....	50	...	...	13 416	3 159	6 214	434	29	42	2 943	14	129	59	555
Lacking air conditioning.....	37	...	...	13 210	3 045	6 862	391	33	46	2 763	10	159	52	545

Table 67. Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State

Occupied housing units

YEAR STRUCTURE BUILT

1979 to March 1980	464	39	112	9	304	149	—	211	104	4 263	152	28	4 783	33
1975 to 1979	2 187	307	553	—	1 327	719	18	14	923	513	16 456	985	128 15 941	162
1970 to 1974	3 590	503	991	47	2 049	1 053	41	26	1 700	770	24 187	1 533	228 29 443	275
1960 to 1969	1 940	164	300	49	2 739	1 217	26	13	2 117	1 071	28 504	1 179	42 383	548
1950 to 1959	3 091	418	819	18	3 834	857	29	37	1 419	749	17 009	597	147 29 323	102
1940 or earlier	1 389	182	482	13	712	452	4	—	451	482	9 050	394	83 15 106	102
1939 or earlier	1 803	146	521	6	1 130	531	32	16	804	420	9 914	227	88 20 658	153

BEDROOMS

None	1 072	123	263	16	670	324	4	19	467	276	6 669	180	111 8 540	53
1	3 169	355	894	11	1 909	944	19	30	1 491	685	19 493	812	143 26 424	229
2	4 999	658	1 402	56	2 883	1 635	69	28	2 067	1 200	31 492	1 707	289 38 494	430
3	5 748	628	1 760	35	3 325	1 496	37	23	2 886	1 506	36 566	1 166	289 62 675	386
4 or more	1 617	169	383	19	1 064	517	19	6	491	384	12 776	589	63 18 810	129
50 or more	363	20	79	—	264	82	—	—	223	58	2 389	50	6 5 901	41

UNITS IN STRUCTURE

1, detached	7 613	564	2 218	42	4 789	2 244	26	28	3 652	1 663	47 362	740	279 94 577	597
1, attached	873	151	202	8	512	264	15	—	365	229	6 664	510	42 4 810	25
2	1 033	128	275	—	430	292	4	10	1 422	740	20 493	676	184 26 424	192
3 and 4	1 137	238	285	11	603	224	46	14	473	380	6 955	705	76 7 432	53
5 to 9	1 726	218	520	16	972	482	19	5	711	509	7 719	572	60 10 405	80
10 to 49	2 127	333	700	—	1 124	727	25	17	1 225	554	13 351	538	111 19 119	126
50 or more	1 799	301	400	41	1 057	745	12	22	488	332	21 200	800	180 17 002	165
Mobile home or trailer, etc.	20	—	11	—	9	—	—	—	20	—	261	—	—	92

UNITS IN STRUCTURE BY GROSS RENT

Specified owner-occupied housing units	10 300	1 680	2 915	88	5 617	3 137	124	89	4 193	2 757	61 253	3 659	693 62 492	729
1, mobile home or trailer, etc.	20	—	11	—	9	1 013	19	—	422	74	20 493	676	184 26 424	192
Median gross rent	\$339	\$384	\$319	\$500+	\$335	\$336	\$500+	\$500+	\$338	\$344	\$399	\$408	\$422	\$280
2 or more	7 050	1 169	2 031	61	3 789	2 124	105	78	2 770	1 973	41 169	2 983	507 42 379	537
Median gross rent	\$293	\$526	\$264	\$294	\$266	\$311	\$271	\$289	\$288	\$282	\$345	\$315	\$325	\$272

BATHROOMS

No bathroom or only a half bath	642	111	179	6	346	197	—	14	306	125	2 644	122	45 4 686	25
1 complete bathroom	9 576	1 065	2 863	58	5 990	2 826	75	77	4 171	2 427	48 737	2 333	464 74 002	719
1 complete bathroom plus half bath(s)	2 553	286	754	27	1 486	673	43	9	1 172	656	14 952	955	105 27 774	118
2 or more complete bathrooms	4 197	491	965	46	2 675	1 282	32	6	1 976	901	43 052	1 994	267 53 984	406

SOURCE OF WATER

Public system or private company	16 673	1 928	4 685	131	9 929	4 860	7	150	7 492	4 065	106 967	4 452	853 159 444	1 268
Individual drilled well	54	7	15	6	26	7	—	—	42	5	16	—	176	—
Individual dug well	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Some other source	241	18	81	—	142	111	—	—	91	39	2 233	44	28 1 190	—

HEATING EQUIPMENT

Steam or hot water system	1 287	98	307	2	880	226	11	10	802	328	2 181	97	10 11 313	62
Central warm-air furnace	4 044	26	24	—	54	50	—	—	23	31	662	47	—	345
Electric heat pump	279	36	88	10	145	71	11	92	105	92	9 053	81	7 19 119	126
Other built-in electric units	489	92	139	—	258	103	17	—	200	169	2 421	310	7 2 925	20
Floor, wall, or pipeless furnace	31	—	—	—	31	—	—	—	31	—	53	22	—	54
Room heaters with fuel	16	—	12	—	4	6	—	—	10	—	156	19	—	312
Room heaters without fuel	13	7	—	—	4	7	—	—	6	—	156	8	—	116
Fireplaces, stoves, or portable room heaters	289	55	71	—	163	132	—	—	106	51	3 624	82	11 2 736	43
None	14 460	1 639	4 140	125	8 556	4 383	111	96	6 342	3 528	99 498	3 876	853 140 939	1 114

SELECTED CHARACTERISTICS

No telephone	1 273	171	378	6	718	399	17	—	521	336	5 429	350	138 7 233	72
No complete kitchen facilities	349	49	103	—	187	145	49	6	149	99	2 975	63	71 683	20
Lacking air conditioning	14 863	1 510	4 384	108	8 861	4 223	95	86	6 854	3 605	85 294	3 283	692 140 257	1 156
Lacking public sewer	3 779	321	1 207	—	2 251	1 163	4	12	1 710	890	20 579	244	51 31 608	176
No vehicle available	2 109	185	751	6	1 167	687	22	41	776	383	10 936	148	145 16 471	170

YEAR HOUSEHOLDER MOVED INTO UNIT

Owner-occupied housing units	6 491	259	1 790	42	4 400	1 792	26	11	3 347	1 315	46 819	722	188 97 177	519
1979 to March 1980	861	59	195	15	592	278	—	—	433	150	8 830	219	38 9 291	53
1975 to 1978	1 728	92	367	19	1 250	470	4	—	1 015	230	15 182	264	80 19 946	180
1970 to 1974	1 666	70	342	—	1 053	380	13	11	895	380	18 000	119	31 19 119	126
1960 to 1969	446	32	430	8	976	344	13	—	774	315	7 937	310	4 25 789	70
1950 to 1959	495	6	165	—	324	180	—	—	161	145	3 540	30	30 15 150	51
1949 or earlier	295	—	90	—	205	131	—	—	69	95	2 277	9	7 882	39

Renter-occupied housing units

1979 to March 1980	-----
1975 to 1978	-----
1970 to 1974	-----
1960 to 1969	-----
1959 or earlier	-----

CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER

Occupied housing units	1 849	34	501	7	1 307	527	—	—	8 874	440	14 252	206	42 28 247	131
Owner-occupied housing units	912	14	221	—	677	254	—	—	451	207	9 205	120	15 18 670	80
Lacking complete plumbing for exclusive use	67	—	23	—	44	36	—	—	25	7	370	—	7 786	3
No complete kitchen facilities	48	—	13	—	35	16	—	—	25	7	370	—	7 786	3
No vehicle available	558	20	207	—	331	162	—	—	8 222	166	3 782	50	7 7 065	40
No telephone	113	—	28	—	90	29	—	—	76	8	463	11	1 470	5
Lacking central heating system	1 633	34	468	7	1 124	481	—	—	8 717	427	13 496	194	42 25 702	128
Lacking air conditioning	1 742	26	491	—	1 225	461	—	—	8 848	425	11 096	141	29 25 923	120

Table 68. Fuels and Financial Characteristics of Housing Units With a White Householder: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

Occupied housing units	114 363	96 620	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408	89 682	24 681
HOUSE HEATING FUEL												
Utility gas	2 123	2 099	2 067	1 532	535	26	6	24	8	—	2 081	42
Bottled, tank, or LP gas	709	457	347	132	215	42	68	252	23	10	421	288
Electricity	4 823	4 132	3 619	1 519	2 100	280	233	691	66	3	961	862
Fuel oil, kerosene, etc.	325	113	84	25	59	—	29	212	24	—	84	241
Coal or coke	7	7	7	7	—	—	—	—	—	—	7	—
Wood	2 403	1 062	797	291	506	98	167	1 341	89	94	857	1 546
Other fuel	92	84	81	76	5	—	3	8	—	—	81	11
No fuel used	103 881	88 666	74 584	52 234	22 350	4 514	9 568	15 215	3 505	301	82 190	21 691
WATER HEATING FUEL												
Utility gas	17 364	17 149	15 784	12 347	3 437	791	574	215	70	—	16 248	1 116
Bottled, tank, or LP gas	8 806	4 733	2 747	1 974	773	710	1 276	4 073	732	130	3 186	5 620
Electricity	84 839	72 898	61 643	40 272	21 371	3 357	7 898	11 941	2 738	210	68 768	16 071
Fuel oil, kerosene, etc.	706	606	530	215	315	26	51	100	—	—	536	170
No fuel used	1 870	959	662	535	127	63	234	911	129	51	724	146
No fuel used	778	275	220	176	44	14	41	503	46	17	220	558
COOKING FUEL												
Utility gas	11 940	11 708	10 632	7 927	2 705	616	460	232	59	—	10 969	971
Bottled, tank, or LP gas	7 785	3 228	1 461	991	470	570	1 197	4 557	716	160	1 969	5 816
Electricity	93 357	80 807	68 866	46 405	22 461	3 654	8 287	12 550	2 905	232	76 055	17 302
Other fuel	430	130	64	59	14	54	56	276	10	16	75	355
No fuel used	851	743	563	434	129	106	74	108	23	—	614	237
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units												
With a mortgage	31 067	24 320	18 641	12 516	6 125	1 891	3 768	6 747	1 161	141	21 002	10 065
Less than \$100	22 987	19 007	15 037	9 500	5 537	1 114	2 856	3 980	606	75	16 997	5 990
\$100 to \$149	114	62	25	18	7	15	22	52	14	—	47	67
\$150 to \$199	287	152	102	62	20	30	30	135	24	—	123	164
\$200 to \$249	628	463	273	141	132	70	120	165	26	19	336	292
\$250 to \$299	1 183	986	741	437	304	72	173	197	40	—	850	333
\$300 to \$349	1 636	1 237	955	543	412	92	190	399	75	—	1 046	590
\$350 to \$399	1 526	1 188	840	511	329	116	232	338	73	16	927	599
\$400 to \$449	1 402	1 221	856	510	346	140	225	381	26	6	1 008	594
\$450 to \$499	1 471	1 175	845	513	332	139	191	296	30	—	952	519
\$500 to \$549	1 599	1 215	957	686	271	102	156	384	34	5	1 154	445
\$550 to \$599	2 703	2 305	1 780	1 147	633	111	414	398	69	6	2 068	635
\$600 to \$749	3 774	3 222	2 539	1 416	1 123	139	549	552	102	—	2 940	938
\$750 or more	6 464	5 781	5 124	3 507	1 617	98	559	683	93	23	546	615
Median	\$555	\$580	\$608	\$618	\$596	\$412	\$523	\$454	\$442	\$371	\$599	\$434
Not mortgaged	0 080	5 313	3 604	3 016	588	777	932	2 767	495	66	4 005	4 075
Less than \$50	576	150	63	41	22	19	68	426	22	31	100	476
\$50 to \$74	1 186	580	387	319	168	148	145	506	88	—	471	115
\$75 to \$99	1 641	1 002	603	470	133	188	211	639	118	7	751	890
\$100 to \$149	2 736	1 960	1 345	1 094	251	289	326	776	160	17	1 439	1 297
\$150 to \$199	1 167	903	617	461	79	96	79	264	43	11	775	432
\$200 to \$249	416	336	288	266	22	25	23	80	38	—	288	128
\$250 or more	358	282	221	215	6	29	32	76	26	—	221	137
Median	\$110	\$117	\$123	\$128	\$110	\$105	\$105	\$93	\$104	\$82	\$119	\$99
GROSS RENT												
Specified renter-occupied housing units												
Less than \$50	64 390	55 643	48 111	32 109	16 002	2 677	4 855	8 747	2 227	75	52 703	11 687
\$50 to \$59	131	101	76	46	30	5	20	30	—	—	88	43
\$60 to \$69	205	187	90	90	—	—	66	31	9	—	90	115
\$70 to \$79	486	388	260	200	60	59	69	98	7	—	300	186
\$80 to \$89	500	317	242	209	33	37	38	183	14	16	284	219
\$90 to \$99	442	442	318	288	30	37	67	220	14	3	373	289
\$100 to \$149	815	624	423	338	85	83	118	191	43	—	520	295
\$150 to \$169	1 073	847	639	561	78	129	79	226	101	—	740	333
\$170 to \$199	2 250	1 954	1 599	1 134	465	186	149	296	117	1	1 757	513
\$200 to \$249	6 932	6 167	5 552	3 471	2 081	324	291	765	235	—	6 010	922
\$250 to \$299	6 736	6 010	5 264	3 864	1 400	275	471	726	129	—	5 712	1 024
\$300 to \$349	5 257	5 848	4 927	3 589	1 338	402	519	599	133	—	5 425	1 012
\$350 to \$399	7 157	6 085	5 525	3 793	1 732	215	545	872	209	—	6 177	980
\$400 to \$499	9 836	8 680	7 290	5 112	2 178	461	929	1 159	367	7	7 959	1 880
\$500 or more	11 831	10 022	8 487	6 278	2 209	287	1 248	1 809	436	21	9 130	2 701
No cash rent	9 326	7 771	6 131	4 336	1 283	1 111	241	1 555	413	28	8 188	1 718
Median	\$359	\$358	\$359	\$359	\$357	\$310	\$388	\$364	\$375	\$464	\$358	\$366
HOUSEHOLD INCOME IN 1979												
Occupied housing units												
Median income	114 363	96 620	81 586	55 816	25 770	4 960	10 074	17 743	3 715	408	89 682	24 681
Owner-occupied housing units	118 851	139 368	119 581	119 795	119 255	115 976	119 267	116 381	116 097	520 086	119 316	117 297
Renter-occupied housing units	48 611	40 055	32 614	23 335	9 279	2 744	5 169	8 556	445	294	36 057	12 554
Median income	\$27 744	\$29 406	\$30 937	\$31 528	\$29 830	\$24 500	\$23 841	\$20 714	\$20 502	\$21 167	\$30 054	\$21 638
Median income	\$65 752	\$56 565	\$48 972	\$32 481	\$16 491	\$2 688	\$4 905	\$9 187	\$2 270	\$114	\$33 625	\$12 127
Median income	\$14 345	\$14 521	\$14 711	\$14 556	\$14 953	\$10 784	\$14 437	\$12 944	\$12 349	\$18 846	\$14 502	\$13 346
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units												
Percent below poverty level	2 318	1 602	1 248	980	268	108	246	716	86	57	1 429	889
Complete plumbing for exclusive use	4 8	4 0	3 8	4 2	2 9	4 8	4 8	8 4	6 0	19 4	4 0	7 1
1.01 or more persons per room	2 106	1 578	1 224	959	265	108	246	528	86	49	1 399	710
Lacking complete plumbing for exclusive use	212	24	24	21	3	—	—	—	—	9	38	179
1.01 or more persons per room	6 46	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	8 139	6 977	5 249	3 816	1 433	736	992	1 842	337	23	6 268	2 551
Percent below poverty level	13 4	12 3	10 7	11 7	8 7	27 4	20 2	20 1	14 8	20 2	11 7	21 0
Complete plumbing for exclusive use	8 337	6 755	5 084	3 619	1 405	1 007	1 239	1 582	306	7	6 096	2 319
1.01 or more persons per room	1 140	904	587	398	189	95	222	326	37	—	850	290
Lacking complete plumbing for exclusive use	482	222	165	137	28	29	28	260	35	16	170	312
1.01 or more persons per room	92	42	27	6	21	9	6	50	4	16	32	60

Table 69. **Fuels and Financial Characteristics of Housing Units With a Black Householder: 1980**

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

The State Urban and Rural and Size of Place Inside and Outside SMSA's	The State	Urban					Rural		Rural farm	Inside SMSA's	Outside SMSA's	
		Total	Inside urbanized areas			Outside urbanized areas		Total				Places of 1,000 to 2,500
			Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000					
Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	-	4 445	209
HOUSE HEATING FUEL												
Utility gas	135	131	131	52	79	-	-	4	4	-	135	-
Bottled, tank, or LP gas	30	30	30	15	30	-	-	-	-	-	30	-
Electricity	478	458	444	48	396	-	11	23	5	-	478	-
Fuel oil, kerosene, etc.	3	3	3	-	3	-	-	-	-	-	3	-
Coal or coke	21	21	21	15	6	-	-	-	-	-	21	-
Wood	17	17	17	-	-	-	-	-	-	-	17	-
Other fuel	-	-	-	-	-	-	-	-	-	-	-	-
No fuel used	3 987	3 806	3 527	1 601	1 926	83	196	181	36	-	3 778	209
WATER HEATING FUEL												
Utility gas	738	738	677	359	318	38	23	-	-	-	700	38
Bottled, tank, or LP gas	194	145	118	41	77	-	27	49	16	-	135	59
Electricity	3 684	3 531	3 337	1 310	2 027	45	149	153	29	-	3 578	106
Fuel oil, kerosene, etc.	17	17	17	-	-	-	-	-	-	-	17	-
Other	11	11	3	-	3	-	8	-	-	-	11	-
No fuel used	10	4	4	4	-	-	-	6	-	-	4	6
COOKING FUEL												
Utility gas	639	628	586	308	278	25	17	11	-	-	603	36
Bottled, tank, or LP gas	146	102	79	34	45	-	23	44	16	-	102	44
Electricity	3 841	3 688	3 470	1 368	2 102	51	167	153	29	-	3 719	122
Other	28	28	21	21	-	7	-	-	-	-	21	7
No fuel used	-	-	-	-	-	-	-	-	-	-	-	-
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	409	353	299	158	141	25	29	56	16	-	328	81
With a mortgage	300	283	236	108	128	18	29	17	-	-	265	35
Less than \$100	-	-	-	-	-	-	-	-	-	-	-	-
\$100 to \$149	-	-	-	-	-	-	-	-	-	-	-	-
\$150 to \$199	13	13	13	13	-	-	-	-	-	-	13	-
\$200 to \$249	34	34	26	17	-	-	8	-	-	-	34	-
\$250 to \$299	7	7	7	-	-	-	-	-	-	-	7	-
\$300 to \$349	26	26	14	14	-	12	-	-	-	-	26	-
\$350 to \$399	20	18	10	5	23	-	-	-	-	-	10	12
\$400 to \$449	20	20	12	-	12	-	8	-	-	-	20	8
\$450 to \$499	49	49	35	25	10	6	8	-	-	-	43	6
\$500 to \$599	48	46	43	6	37	-	5	-	-	-	48	6
\$600 to \$749	85	76	76	21	55	-	-	9	-	-	76	9
\$750 or more	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$572	\$571	\$605	\$430	\$734	\$388	\$491	\$906	-	-	\$582	\$434
Not mortgaged	109	70	63	50	13	7	-	39	16	-	63	46
Less than \$50	10	-	-	-	-	-	-	10	-	-	-	10
\$50 to \$74	13	-	-	-	-	-	-	13	-	-	-	13
\$75 to \$99	25	9	9	9	-	-	-	16	16	-	9	16
\$100 to \$149	42	42	35	22	13	7	-	-	-	-	35	7
\$150 to \$199	19	19	19	19	-	-	-	-	-	-	19	-
\$200 to \$249	-	-	-	-	-	-	-	-	-	-	-	-
\$250 or more	-	-	-	-	-	-	-	-	-	-	-	-
Median	\$104	\$115	\$116	\$118	\$113	\$113	-	\$68	\$88	-	\$116	\$75
GROSS RENT												
Specified renter-occupied housing units	3 783	3 633	3 480	1 437	2 043	58	95	150	27	-	3 640	123
Less than \$50	-	-	-	-	-	-	-	-	-	-	-	-
\$50 to \$59	8	8	8	8	-	-	-	-	-	-	8	-
\$60 to \$79	19	8	8	8	-	-	-	11	-	-	8	11
\$80 to \$99	10	10	5	-	5	5	-	-	-	-	5	5
\$100 to \$119	22	16	9	9	-	-	-	6	-	-	9	13
\$120 to \$149	34	34	34	11	23	7	-	-	-	-	34	-
\$150 to \$169	25	25	17	11	6	8	-	-	-	-	17	8
\$170 to \$199	189	189	189	70	119	70	-	-	-	-	189	-
\$200 to \$249	467	467	446	193	253	472	21	5	-	-	446	26
\$250 to \$299	498	487	477	207	270	6	4	11	5	-	492	6
\$300 to \$349	324	276	253	51	202	-	23	48	-	-	306	18
\$350 to \$399	313	309	287	99	188	-	22	4	-	-	313	22
\$400 to \$499	531	514	482	189	293	11	21	17	9	-	512	19
\$500 or more	385	372	347	128	129	-	25	13	-	-	375	10
No cash rent	953	918	918	363	555	-	-	35	13	-	946	7
Median	\$321	\$321	\$317	\$320	\$317	\$214	\$397	\$326	\$422	-	\$324	\$225
HOUSEHOLD INCOME IN 1979												
Occupied housing units	4 654	4 446	4 156	1 731	2 425	83	207	208	45	-	4 445	209
Median income	\$13 764	\$13 217	\$13 263	\$13 484	\$12 745	\$15 625	\$15 843	\$15 407	\$10 313	-	\$13 273	\$15 579
Owner-occupied housing units	748	692	555	258	297	25	112	56	16	-	662	86
Median income	\$21 348	\$21 821	\$23 045	\$22 773	\$23 550	\$22 292	\$18 026	\$14 808	\$2500	-	\$21 700	\$17 059
Renter-occupied housing units	3 906	3 754	3 601	1 473	2 128	58	95	152	29	-	3 783	123
Median income	\$12 101	\$11 993	\$12 031	\$12 311	\$11 851	\$10 000	\$11 375	\$15 606	\$16 250	-	\$12 113	\$11 477
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	66	50	41	28	13	-	9	16	16	-	50	16
Percent below poverty level	8.8	7.2	7.4	10.9	4.4	-	8.0	28.6	100.0	-	7.6	18.6
Complete plumbing for exclusive use	46	50	41	28	13	-	9	16	16	-	50	16
1.01 or more persons per room	10	10	10	10	-	-	-	-	-	-	10	-
Lacking complete plumbing for exclusive use	-	-	-	-	-	-	-	-	-	-	-	-
1.01 or more persons per room	-	-	-	-	-	-	-	-	-	-	-	-
Renter-occupied housing units	499	483	448	249	199	13	22	16	-	-	470	29
Percent below poverty level	12.8	12.9	12.4	16.9	9.4	22.4	23.2	10.5	-	-	12.4	22.6
Complete plumbing for exclusive use	492	476	448	249	199	6	22	16	-	-	470	22
1.01 or more persons per room	91	91	81	34	47	-	10	-	-	-	91	-
Lacking complete plumbing for exclusive use	7	7	-	-	-	7	-	-	-	-	-	7
1.01 or more persons per room	-	-	-	-	-	-	-	-	-	-	-	-

Table 70. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's**

Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57	12 924	4 044
HOUSE HEATING FUEL												
Utility gas	968	963	952	664	288	—	11	5	—	—	963	5
Bottled, tank, or LP gas	337	277	211	138	33	28	38	60	18	—	247	90
Electricity	1 017	907	807	338	469	41	59	110	25	—	899	118
Fuel oil, kerosene, etc.	50	47	41	4	37	—	6	3	—	—	41	9
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—
Wood	121	25	10	5	7	—	15	96	6	—	29	92
Other fuel	15	15	15	7	8	—	—	—	—	—	15	—
No fuel used	14 460	11 922	8 882	5 140	3 742	1 037	2 003	2 538	657	57	10 730	3 730
WATER HEATING FUEL												
Utility gas	2 290	2 235	1 830	1 425	405	263	142	55	16	—	1 978	312
Bottled, tank, or LP gas	2 063	1 132	574	377	197	233	325	931	226	38	714	1 349
Electricity	12 241	10 608	8 443	4 389	4 054	565	1 600	1 633	426	14	10 132	2 109
Fuel oil, kerosene, etc.	33	34	42	10	14	—	—	—	—	—	10	23
Coal or coke	240	120	42	26	16	26	52	120	18	5	67	173
No fuel used	101	37	19	19	—	5	13	64	20	—	23	78
COOKING FUEL												
Utility gas	2 135	2 068	1 709	1 336	373	232	127	67	7	6	1 847	288
Bottled, tank, or LP gas	2 018	996	422	226	196	198	376	1 022	203	32	646	1 372
Electricity	12 688	11 008	8 741	4 640	4 101	655	1 612	1 680	474	14	10 365	2 323
Other fuel	73	22	5	—	—	17	32	11	—	5	25	39
No fuel used	73	62	41	34	7	21	—	11	—	—	41	32
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	4 762	3 588	2 392	943	1 449	339	857	1 174	319	24	2 982	1 780
With a mortgage	3 680	2 891	1 962	669	1 293	240	689	789	228	24	2 440	1 240
Less than \$100	24	18	13	7	—	—	—	—	—	—	18	6
\$100 to \$149	40	40	30	9	8	6	—	30	14	—	30	43
\$150 to \$199	126	59	17	7	23	6	23	67	38	13	48	78
\$200 to \$249	198	165	109	27	87	22	34	33	5	—	127	71
\$250 to \$299	387	264	197	64	133	3	64	123	25	—	237	150
\$300 to \$349	401	288	138	57	81	49	101	183	37	4	183	218
\$350 to \$399	414	344	236	84	152	35	73	70	19	—	273	141
\$400 to \$449	292	248	155	62	93	21	92	24	6	—	188	104
\$450 to \$499	283	199	131	43	88	34	34	84	32	—	161	122
\$500 to \$599	545	441	319	93	226	18	104	105	31	7	400	146
\$600 to \$749	484	407	294	78	216	28	85	77	21	—	371	113
\$750 or more	465	408	323	143	180	18	67	57	—	—	417	48
Median	\$439	\$452	\$483	\$476	\$486	\$399	\$420	\$366	\$343	\$198	\$490	\$369
Not mortgaged	1 082	697	430	274	156	99	168	385	91	—	542	540
Less than \$50	45	22	5	—	—	—	—	17	—	—	13	32
\$50 to \$74	174	88	35	29	6	33	30	76	12	—	51	123
\$75 to \$99	260	128	84	56	28	15	29	132	31	—	101	159
\$100 to \$149	361	252	130	79	51	36	66	129	41	—	188	173
\$150 to \$199	197	178	101	90	61	7	20	19	19	—	158	89
\$200 to \$249	31	25	17	12	5	8	—	6	—	—	17	14
\$250 or more	14	14	8	—	—	—	—	6	—	—	14	—
Median	\$107	\$120	\$135	\$137	\$130	\$102	\$104	\$93	\$103	—	\$124	\$93
GROSS RENT												
Specified renter-occupied housing units	10 300	8 893	7 190	4 567	2 623	678	1 025	1 407	352	17	6 378	1 922
Less than \$50	27	16	16	16	—	—	—	11	5	—	16	11
\$50 to \$59	170	99	45	35	—	—	—	16	9	—	42	15
\$60 to \$79	209	159	69	40	29	7	23	71	19	—	100	70
\$80 to \$99	209	155	115	59	56	15	25	54	54	—	154	55
\$100 to \$119	240	161	123	78	45	9	29	79	18	—	154	86
\$120 to \$149	320	224	145	93	52	30	49	96	26	—	212	108
\$150 to \$169	339	270	233	172	61	24	13	69	20	—	257	82
\$170 to \$199	385	280	281	152	129	84	115	45	4	—	302	123
\$200 to \$249	1 372	1 249	991	636	355	142	116	123	33	—	1 128	244
\$250 to \$299	1 240	1 118	947	684	263	59	112	122	23	—	1 099	131
\$300 to \$349	411	1 268	978	648	330	100	190	143	46	—	1 208	203
\$350 to \$399	270	1 168	965	682	283	70	133	102	11	—	126	144
\$400 to \$499	1 252	1 109	860	561	299	100	145	147	50	—	108	144
\$500 or more	856	755	592	361	231	20	143	101	41	9	686	216
No cash rent	1 112	884	840	350	490	12	32	228	47	8	896	216
Median	\$307	\$311	\$311	\$311	\$312	\$276	\$330	\$258	\$286	\$500+	\$311	\$275
HOUSEHOLD INCOME IN 1979												
Occupied housing units	16 968	14 156	10 918	6 236	4 682	1 106	2 132	2 812	706	57	12 924	4 044
Median income	\$15 978	\$15 776	\$15 922	\$15 040	\$12 717	\$12 969	\$16 387	\$15 116	\$16 515	\$22 788	\$15 783	\$15 345
Owner-occupied housing units	11 678	9 841	7 643	4 643	2 623	678	1 025	1 407	352	17	6 378	1 922
Median income	\$24 217	\$25 275	\$26 631	\$26 777	\$26 508	\$24 488	\$20 833	\$19 690	\$19 906	\$23 942	\$26 210	\$19 343
Renter-occupied housing units	10 477	9 012	7 280	4 605	2 675	678	1 054	1 465	359	22	6 546	2 122
Median income	\$11 781	\$11 976	\$12 110	\$12 641	\$11 353	\$9 814	\$12 705	\$10 812	\$11 108	\$11 667	\$11 901	\$11 353
INCOME IN 1979 BELOW POVERTY LEVEL												
Owner-occupied housing units	423	340	264	111	153	9	67	83	21	—	315	106
Percent below poverty level	6.5	6.6	7.3	6.8	7.6	2.1	6.2	6.2	6.1	—	7.1	5.2
Complete plumbing for exclusive use	340	340	264	111	9	—	77	77	21	—	315	106
1.01 or more persons per room	110	110	84	33	51	—	26	—	—	—	103	7
Living complete plumbing for exclusive use	6	—	—	—	—	—	—	6	—	—	—	6
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	2 584	2 169	1 590	956	604	225	354	415	91	5	2 059	525
Percent below poverty level	24.7	24.1	21.8	21.4	22.6	33.2	33.6	28.3	25.3	22.7	24.2	26.7
Complete plumbing for exclusive use	2 478	2 109	1 555	956	599	212	342	369	76	—	2 013	465
1.01 or more persons per room	779	668	458	309	149	67	143	111	29	—	630	149
Living complete plumbing for exclusive use	106	60	35	30	5	13	12	46	15	5	46	60
1.01 or more persons per room	15	—	—	—	—	—	—	15	—	—	—	—

Table 71. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State	Asian and Pacific Islander													Race, n.e.c.
	American Indian	Alaska	Alut	Japanese	Chinese	Filipino	Korean	Asian Indian	Vietnamese	Hawaiian	Guamanian	Samoan	Other	
Occupied housing units	959	7	21	78 002	18 502	31 989	5 523	227	733	29 064	392	2 664	1 575	5 377
HOUSE HEATING FUEL														
Utility gas	12	...	...	3 677	1 391	2 222	419	26	104	1 397	41	243	110	231
Bottled, tank, or LP gas	8	...	...	2 796	171	5	68	...	22	56	5	16	30	51
Electricity	7	...	...	2 914	901	1 706	344	8	22	1 280	41	175	81	367
Fuel oil, kerosene, etc.	...	...	...	284	45	13	27	...	...	173	...	11	...	33
Coal or coke	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wood	11	...	...	419	110	91	31	...	...	206	...	...	...	53
Other fuel	...	...	...	65	13	22	5	...	...	...	...	...	...	...
No fuel used	921	...	21	69 707	15 871	27 071	4 629	193	585	25 415	305	2 159	1 346	4 642
WATER HEATING FUEL														
Utility gas	199	...	7	11 739	3 799	4 452	938	40	168	3 551	55	706	317	780
Bottled, tank, or LP gas	95	...	...	6 142	855	4 931	309	6	61	3 767	14	195	90	657
Electricity	633	...	14	58 043	13 551	21 245	4 196	168	470	20 940	316	1 711	1 163	3 822
Fuel oil, kerosene, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	17	...	...	1 421	173	70	13	...	...	363	7	19	...	55
No fuel used	15	...	...	240	46	349	31	5	13	271	...	23	...	13
COOKING FUEL														
Utility gas	191	...	...	10 157	3 567	4 490	761	28	149	3 436	64	770	328	680
Bottled, tank, or LP gas	36	...	...	7 747	674	5 550	181	6	55	3 860	21	160	87	579
Electricity	497	...	21	61 587	14 205	21 311	4 551	185	525	21 417	307	1 695	1 160	4 098
Other	...	...	...	101	12	413	14	...	...	187	...	6	...	8
No fuel used	8	...	...	410	44	225	16	...	...	164	...	33	...	12
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units														
With a mortgage	139	...	...	41 781	9 032	11 251	1 618	70	38	11 752	49	285	227	1 377
Less than \$100	128	...	...	27 680	6 013	8 874	1 261	60	38	8 676	35	246	177	969
\$100 to \$149	...	...	...	131	28	64	...	...	...	42	...	...	...	7
\$150 to \$199	5	...	...	1 270	188	362	30	...	...	442	7	7	...	45
\$200 to \$249	...	...	...	2 390	311	681	55	...	8	703	...	13	4	69
\$250 to \$299	...	...	...	2 943	557	909	101	...	...	1 534	...	...	...	79
\$300 to \$349	...	...	...	2 755	579	872	120	...	...	988	...	27	19	84
\$350 to \$399	17	...	...	2 717	502	712	108	4	...	919	5	30	23	125
\$400 to \$449	...	...	...	7	271	465	830	109	8	515	...	11	7	79
\$450 to \$499	...	...	...	2 212	441	721	73	...	...	626	6	25	16	96
\$500 to \$599	32	...	...	3 445	804	1 125	168	...	9	963	6	31	53	184
\$600 to \$649	11	...	...	1 638	279	1 255	99	17	747	255	...	49	21	161
\$650 or more	34	...	...	3 533	1 314	1 207	295	35	21	900	...	37	22	92
Median	\$570	...	...	\$428	\$484	\$442	\$517	\$800	\$1000+	\$385	\$425	\$488	\$509	\$452
Not mortgaged	11	...	...	14 101	3 019	2 377	357	10	...	3 076	14	39	50	408
Less than \$50	...	...	...	754	120	50	13	...	...	374	...	...	...	19
\$50 to \$74	...	...	...	2 061	256	495	37	4	...	356	...	...	6	94
\$75 to \$99	...	...	...	3 554	574	562	50	6	...	722	...	...	16	106
\$100 to \$149	11	...	...	1 221	192	1 173	132	...	...	1 121	14	17	...	73
\$150 to \$199	...	...	...	1 801	593	294	105	...	...	530	...	16	18	44
\$200 to \$249	...	...	...	402	251	98	12	...	...	138	...	6	...	...
\$250 or more	...	...	...	217	74	35	8	...	...	45	...	...	...	...
Median	\$138	...	...	\$108	\$125	\$101	\$131	\$79	...	\$112	\$138	\$154	\$107	\$100
GROSS RENT														
Specified renter-occupied housing units														
Less than \$50	761	...	14	23 840	5 487	15 851	3 001	102	648	14 270	294	2 206	1 186	3 486
\$50 to \$59	...	...	...	175	36	236	8	...	...	38	...	25	4	15
\$60 to \$69	...	...	...	247	105	320	11	...	...	45	...	...	...	19
\$70 to \$79	...	...	...	718	88	666	70	10	12	139	...	24	...	43
\$80 to \$89	...	...	...	696	38	1 068	74	5	11	235	7	14	6	69
\$90 to \$99	15	...	...	619	188	996	41	...	8	378	...	50	...	75
\$100 to \$149	...	...	...	703	137	835	33	...	23	502	...	201	26	101
\$150 to \$169	29	...	...	777	165	603	45	...	6	402	16	240	33	87
\$170 to \$199	...	...	...	1 755	460	854	171	...	12	1 270	21	239	91	107
\$200 to \$249	...	...	...	3 846	701	1 840	390	19	58	1 968	62	275	183	437
\$250 to \$299	102	...	8	3 949	860	1 912	405	12	134	1 954	10	242	205	426
\$300 to \$349	...	...	...	2 532	597	1 172	118	...	130	2 047	...	192	141	493
\$350 to \$399	...	...	6	2 141	592	1 348	431	5	83	1 645	31	232	177	484
\$400 to \$499	...	...	...	2 143	616	1 382	460	14	82	1 902	40	260	147	357
\$500 or more	127	...	...	2 268	391	821	109	19	75	1 207	7	96	67	344
No cash rent	90	...	...	2 308	415	1 393	163	...	14	1 108	69	109	86	409
Median	\$342	...	\$272	\$266	\$287	\$245	\$320	\$314	\$320	\$305	\$285	\$244	\$301	\$316
HOUSEHOLD INCOME IN 1979														
Occupied housing units														
Less than \$10,000	513	610	...	\$8 542	\$25 866	\$24 723	\$16 226	\$16 206	\$26 509	\$7 628	\$16 816	\$15 268	\$10 795	\$13 550
Owner-occupied housing units	192	...	...	51 640	12 903	15 736	2 509	...	...	14 438	88	411	389	1 834
Median income	\$22 262	...	...	\$30 837	\$30 473	\$25 253	\$26 539	\$31 300	\$19 926	\$24 786	\$23 750	\$28 140	\$25 313	\$32 460
Renter-occupied housing units	767	...	14	21 185	5 399	13 533	2 018	...	...	14 626	304	253	1 186	3 549
Median income	\$12 176	...	...	\$15 754	\$13 893	\$10 763	\$10 763	\$12 024	\$7 060	\$12 863	\$14 808	\$9 724	\$10 225	\$9 942
INCOME IN 1979 BELOW POVERTY LEVEL														
Owner-occupied housing units														
Less than 10 percent below poverty level	10	...	...	1 277	382	693	147	...	5	1 115	...	35	22	127
Complete plumbing for exclusive use	5	...	...	2 4	3 0	4 4	5 9	...	5 9	7 7	...	8 5	5 7	6 9
1.01 or more persons per room	10	...	...	238	376	688	141	...	5	1 060	...	25	12	129
Lacking complete plumbing for exclusive use	...	...	...	36	...	...	...	...	...	313	...	19	16	5
1.01 or more persons per room	...	...	...	39	6	5	...	...	...	55	...	...	...	...
Renter-occupied housing units														
Less than 10 percent below poverty level	183	...	...	3 080	1 100	2 765	741	26	321	3 636	59	944	453	868
Complete plumbing for exclusive use	23 9	...	...	12 7	19 6	17 0	24 6	25 5	49 5	24 9	19 4	41 9	38 2	24 5
1.01 or more persons per room	164	...	...	2 902	1 040	699	21	304	5	3 436	...	923	441	860
Lacking complete plumbing for exclusive use	33	...	...	414	277	890	198	9	178	1 229	22	621	281	292
1.01 or more persons per room	19	...	...	178	60	290	42	...	17	200	...	22	12	8
No cash rent	...	...	...	39	19	71	21	...	12	77	...	21	8	3

Table 72. Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin by Type and Race: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The State

Occupied housing units

HOUSE HEATING FUEL

Utility gas	968	71	209	—	688	167	9	6	620	166	1 956	126	6	9 010	65
Battled, tank, or LP gas	337	29	88	2	218	70	2	4	210	51	639	28	4	2 433	—
Electricity	1 017	177	286	10	544	274	28	—	400	315	4 549	450	7	7 072	32
Fuel oil, kerosene, etc.	5	—	—	—	23	13	—	—	—	—	312	—	—	407	1
Coal or coke	—	—	—	—	—	—	—	—	—	—	7	—	—	15	—
Wood	121	32	21	—	68	—	—	—	29	28	2 339	11	11	828	25
No fuel used	15	—	15	—	7	—	—	—	—	—	85	—	—	142	—
No fuel used	14 460	1 639	4 140	125	8 556	4 363	111	96	6 342	3 528	99 498	3 876	853	140 939	1 114

WATER HEATING FUEL

Utility gas	2 290	261	674	38	1 317	753	15	34	949	539	16 611	723	172	24 816	241
Battled, tank, or LP gas	2 063	161	698	22	1 182	567	5	5	934	552	8 239	189	97	15 456	105
Electricity	12 241	1 506	3 270	63	7 402	3 528	122	61	5 582	2 948	81 311	3 562	586	116 221	914
Fuel oil, kerosene, etc.	33	—	23	—	10	23	—	—	—	—	10	683	17	989	—
Other	6	240	94	14	126	45	—	—	117	50	1 805	3	7	2 649	22
No fuel used	101	19	22	—	60	42	—	6	43	10	736	10	9	935	3

COOKING FUEL

Utility gas	2 135	162	700	46	1 227	704	29	30	879	493	11 236	610	161	22 871	187
Battled, tank, or LP gas	2 018	127	615	12	1 264	520	5	5	1 039	454	7 265	141	36	15 302	125
Electricity	12 688	1 643	3 442	79	7 524	3 728	116	42	5 620	3 142	89 629	3 725	649	121 617	956
Other	54	—	13	—	41	—	—	—	46	8	430	—	7	695	—
No fuel used	73	21	11	—	41	26	—	—	35	12	825	28	8	861	—

MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS

Specified owner-occupied housing units	4 762	168	1 411	16	3 167	1 355	22	11	2 369	1 005	29 712	387	135	73 734	372
With a mortgage	3 680	125	1 034	16	2 505	920	8	11	2 031	710	22 067	292	117	51 029	259
Less than \$100	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
\$150 to \$199	126	4	35	—	47	31	—	—	—	—	256	—	—	728	—
\$200 to \$249	198	18	56	—	89	56	—	—	—	—	620	13	5	2 224	9
\$250 to \$299	387	12	121	—	254	135	—	—	—	—	1 127	26	9	4 094	6
\$300 to \$349	401	8	155	—	238	111	—	—	—	—	1 415	7	11	5 485	10
\$350 to \$399	414	12	165	—	237	103	—	—	—	—	1 539	63	13	5 662	22
\$400 to \$449	292	4	67	—	221	81	—	—	—	—	1 390	18	7	4 216	28
\$450 to \$499	283	4	67	—	211	35	—	—	—	—	1 564	20	3	3 942	26
\$500 to \$549	546	44	145	—	371	161	—	—	—	—	2 542	161	27	6 315	64
\$550 to \$599	484	26	101	—	357	96	—	—	—	—	3 678	48	11	5 546	51
\$600 or more	465	6	81	—	368	136	—	—	—	—	6 328	54	3	6 089	38
Median	\$459	\$349	\$629	\$462	\$462	\$430	\$225	\$346	\$406	\$406	\$578	\$578	\$451	\$451	\$451
Net mortgaged	1 082	43	377	—	662	435	14	—	338	295	7 645	95	18	22 705	113
Less than \$50	45	6	5	—	34	34	—	—	7	4	542	10	—	713	—
\$50 to \$74	174	7	80	—	87	51	—	—	40	83	1 135	13	—	3 415	11
\$75 to \$99	7	200	9	—	136	131	—	—	—	—	1 510	15	—	3 172	49
\$100 to \$149	361	9	122	—	230	124	14	—	107	116	2 162	28	11	8 874	44
\$150 to \$199	197	6	63	—	128	76	—	—	86	35	1 091	19	—	3 271	9
\$200 to \$249	—	31	69	—	12	19	11	—	—	—	405	1	—	887	—
\$250 or more	14	8	—	—	6	8	—	—	—	—	350	—	—	373	—
Median	\$107	\$104	\$102	—	\$112	\$100	\$113	—	\$122	\$101	\$110	\$99	\$145	\$110	\$98

GROSS RENT

Specified renter-occupied housing units															
Less than \$50	27	6	—	—	6	6	—	—	—	6	125	—	—	494	—
\$50 to \$74	57	—	—	—	33	29	—	—	—	19	191	8	—	733	—
\$75 to \$99	170	—	—	—	105	34	—	—	—	452	19	—	1 626	8	—
\$100 to \$149	209	—	60	—	149	75	—	—	86	48	425	10	—	2 068	21
\$150 to \$199	240	—	33	—	213	65	—	—	109	65	596	22	15	2 171	10
\$200 to \$249	330	9	110	—	208	82	4	—	155	79	820	60	6	3 175	49
\$250 to \$299	339	34	87	—	118	75	6	—	165	87	998	19	23	2 122	—
\$300 to \$349	425	22	169	—	228	117	12	4	203	89	1 233	44	4	4 100	18
\$350 to \$399	312	372	232	—	249	101	23	531	383	458	6 531	401	89	7 971	24
\$400 to \$449	240	160	341	16	723	338	6	14	541	341	6 398	492	59	9 142	85
\$450 to \$499	241	241	392	17	761	370	11	7	556	367	5 977	513	76	7 227	126
\$500 to \$549	207	207	378	17	616	391	6	511	354	306	6 762	307	97	6 174	130
\$550 to \$599	252	244	392	7	761	386	18	21	569	258	9 453	513	83	6 477	99
\$600 or more	656	207	184	17	438	327	14	95	274	294	11 304	388	121	9 343	149
No cash rent	112	67	276	17	532	353	45	—	322	970	8 971	908	80	5 343	134
Median	\$307	\$342	\$283	\$316	\$307	\$271	\$265	\$271	\$299	\$303	\$362	\$322	\$350	\$274	\$354

HOUSEHOLD INCOME IN 1979

Occupied housing units	16 968	1 953	4 781	137	10 097	4 978	150	106	7 625	4 109	109 385	4 504	881	161 046	1 268
Owner-occupied housing units	6 491	259	1 790	42	4 400	1 792	26	11	3 437	113	46 819	722	188	97 177	519
Median income	\$24 217	\$25 046	\$22 666	\$46	\$67 525	\$90	\$15 833	\$14 792	\$26 042	\$22 936	\$28 058	\$21 573	\$25 217	\$28 830	\$25 571
Renter-occupied housing units	10 477	1 694	2 991	95	5 507	3 186	124	95	4 188	2 996	62 566	3 782	69	63 869	749
Median income	\$11 781	\$12 181	\$9 474	\$14 886	\$13 013	\$12 114	\$11 250	\$11 875	\$13 303	\$9 525	\$14 459	\$12 115	\$11 952	\$13 789	\$13 117

INCOME IN 1979 BELOW POVERTY LEVEL

Owner-occupied housing units	423	10	124	—	289	105	—	—	209	109	2 213	46	10	3 467	18
Percent below poverty level	6.5	9	6.9	—	6.6	5.9	—	—	6.3	6.3	9	4.7	5.3	6.2	5.3
Complete plumbing for exclusive use	417	10	124	—	283	99	—	—	209	109	2 007	66	10	3 356	18
1.01 or more persons per room	110	—	12	—	98	29	—	—	76	5	118	10	—	626	—
Leading complete plumbing for exclusive use	6	—	—	—	6	6	—	—	—	—	206	6	—	14	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	2 584	297	946	—	1 341	704	80	13	1 117	718	8 113	469	185	12 008	150
Percent below poverty level	27.5	24.5	31.6	—	22.5	24.7	24.2	12	24.7	25.2	12	24.7	24.7	24.7	24.7
Complete plumbing for exclusive use	278	283	912	—	1 283	677	30	13	1 045	713	7 660	462	166	11 255	147
1.01 or more persons per room	779	60	281	—	438	163	7	8	376	225	7 977	84	25	3 743	67
Leading complete plumbing for exclusive use	106	14	34	—	68	29	—	—	15	5	452	7	3	115	3
1.01 or more persons per room	15	9	—	—	—	—	—	—	—	—	92	—	9	253	3

Table 73. Structural Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (COP)
YEAR STRUCTURE BUILT			
Year-round housing units	250 864	198 895	29 250
1979 to March 1980	8 462	3 507	141 865
1975 to 1978	29 299	23 855	4 326
1970 to 1974	50 527	39 538	16 417
1960 to 1969	74 550	58 989	25 426
1950 to 1959	45 246	34 865	42 159
1940 to 1949	21 312	16 805	24 880
1939 or earlier	21 168	18 336	13 227
Owner-occupied housing units	114 793	86 511	15 230
1979 to March 1980	3 796	2 724	56 542
1975 to 1978	12 721	9 264	1 059
1970 to 1974	25 163	19 525	5 291
1960 to 1969	35 548	25 779	3 862
1950 to 1959	21 270	15 440	7 139
1940 to 1949	8 108	6 354	10 718
1939 or earlier	8 187	7 425	5 557
Renter-occupied housing units	115 421	96 005	6 776
1979 to March 1980	1 885	1 509	70 597
1975 to 1978	12 780	11 026	1 161
1970 to 1974	20 689	16 922	7 727
1960 to 1969	33 948	28 793	11 722
1950 to 1959	21 791	17 760	22 183
1940 to 1949	12 235	9 763	12 752
1939 or earlier	12 073	10 232	7 185
BEDROOMS			
Year-round housing units	250 864	198 895	29 250
None	17 908	16 520	141 865
1	49 338	44 319	15 852
2	68 652	56 610	38 888
3	79 428	55 298	41 693
4	28 212	20 368	29 835
5 or more	7 326	5 780	11 516
Owner-occupied housing units	114 793	86 511	4 081
None	1 803	1 694	56 542
1	10 652	9 386	1 566
2	23 786	19 855	7 855
3	52 281	36 742	14 797
4	20 219	14 027	20 332
5 or more	6 052	4 807	8 537
Renter-occupied housing units	115 421	96 005	3 455
None	11 911	10 875	70 597
1	31 844	29 030	10 358
2	38 784	32 271	25 348
3	24 160	16 882	23 084
4	7 580	6 022	8 425
5 or more	1 142	895	2 798
STORIES IN STRUCTURE			
Year-round housing units	250 864	198 895	29 250
1 to 3	195 931	146 374	141 865
4 to 6	9 956	8 833	93 120
7 to 12	10 732	10 335	7 819
13 or more	34 245	33 353	9 194
PASSENGER ELEVATOR			
Year-round housing units	250 864	198 895	29 250
Structures with 4 or more stories	54 933	52 521	141 865
With elevator	50 306	48 084	44 922
UNITS IN STRUCTURE			
Year-round housing units	250 864	198 895	29 250
1, detached	105 995	77 872	141 865
1, attached	12 271	9 550	42 897
2	12 418	10 229	4 687
3 and 4	15 701	12 396	7 471
5 to 9	20 200	16 723	7 754
10 to 49	35 210	31 293	10 859
50 or more	48 801	45 582	26 309
Mobile home or trailer, etc.	268	250	41 685
Owner-occupied housing units	114 793	86 511	203
1, detached	78 738	55 989	56 542
1, attached	4 613	3 146	33 361
2	3 817	3 258	1 235
3 and 4	3 184	2 331	2 618
5 or more	24 289	21 642	2 296
Mobile home or trailer, etc.	152	145	17 903
Renter-occupied housing units	115 421	96 005	129
1, detached	24 282	15 537	70 597
1, attached	7 106	5 978	8 599
2	8 130	6 656	3 212
3 and 4	11 764	9 723	4 620
5 to 9	14 993	13 254	6 282
10 to 49	25 924	23 369	9 326
50 or more	23 124	21 401	19 896
Mobile home or trailer, etc.	98	87	18 606
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	113 374	94 490	9 034
1, mobile home or trailer, etc.	29 439	20 087	69 785
Median gross rent	\$363	\$362	\$421
2 or more	83 935	74 403	4 432
Median gross rent	\$302	\$299	\$343

Table 74. Equipment and Plumbing Facilities for Areas and Places: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's			Urbanized areas		Places	
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (CDP)			
Year-round housing units	250 864	198 895	29 259	141 865			
Complete kitchen facilities	244 932	193 990	28 811	137 566			
BATHROOMS							
No bathroom or only a half bath	4 726	4 191	201	3 380			
1 complete bathroom	123 193	102 470	7 880	82 937			
1 complete bathroom plus half bath(s)	36 101	27 270	4 795	13 721			
2 or more complete bathrooms	86 844	64 964	16 374	41 827			
SOURCE OF WATER							
Public system or private company	250 023	198 452	29 204	141 553			
Individual drilled well	279	174	8	82			
Individual dug well	33	15	—	15			
Some other source	529	254	38	215			
SEWAGE DISPOSAL							
Public sewer	232 523	192 793	26 046	139 552			
Septic tank or cesspool	16 708	4 742	3 103	1 430			
Other means	1 633	1 360	81	1 063			
AIR CONDITIONING							
None	198 012	151 903	25 699	105 223			
Central system	16 204	14 418	751	12 135			
1 or more individual room units	36 648	32 574	2 800	24 507			
HEATING EQUIPMENT							
Year-round housing units	250 864	198 895	29 259	141 865			
Steam or hot water system	14 574	12 786	1 462	9 148			
Central warm-air furnace	1 283	1 122	98	949			
Electric heat pump	2 928	2 377	233	1 657			
Other built-in electric units	5 383	4 791	270	1 967			
Floor, wall, or pipeless furnace	144	135	9	60			
Room heaters with flue	319	297	12	244			
Room heaters without flue	167	167	—	54			
Fireplaces, stoves, or portable room heaters	3 413	2 569	576	1 226			
None	222 553	174 451	26 570	126 560			
Owner-occupied housing units	114 793	86 511	10 849	56 542			
Steam or hot water system	7 276	6 075	1 005	3 741			
Central warm-air furnace	256	246	22	222			
Electric heat pump	1 060	804	130	495			
Other built-in electric units	1 612	1 345	153	827			
Floor, wall, or pipeless furnace	71	62	9	30			
Room heaters with flue	84	68	6	61			
Room heaters without flue	38	38	—	20			
Fireplaces, stoves, or portable room heaters	2 146	1 554	475	851			
None	102 250	75 319	17 071	50 301			
Renter-occupied housing units	115 421	96 005	9 313	70 597			
Steam or hot water system	7 097	6 441	463	5 177			
Central warm-air furnace	813	670	90	521			
Electric heat pump	1 752	1 496	103	1 099			
Other built-in electric units	3 572	3 295	102	1 080			
Floor, wall, or pipeless furnace	62	62	—	19			
Room heaters with flue	227	221	6	175			
Room heaters without flue	120	120	—	34			
Fireplaces, stoves, or portable room heaters	1 209	976	94	341			
None	100 569	82 724	8 455	62 151			
Occupied housing units	230 214	182 516	20 162	127 139			
No telephone	9 274	7 036	525	5 251			
VEHICLES AVAILABLE							
Total							
None	25 628	22 965	820	20 352			
1	95 735	79 255	8 970	58 201			
2	71 456	53 711	11 450	32 772			
3 or more	37 395	26 585	6 922	15 814			
Automobiles:							
None	27 625	24 264	1 109	21 177			
1	105 944	85 749	10 740	61 795			
2	71 137	53 411	11 808	32 468			
3 or more	25 508	19 092	4 505	11 701			
Trucks or vans:							
None	198 141	161 924	22 137	115 461			
1	29 748	19 235	5 530	10 847			
2	2 038	1 213	448	739			
3 or more	287	144	47	92			
YEAR HOUSEHOLDER MOVED INTO UNIT							
Owner-occupied housing units	114 793	86 511	10 849	56 542			
1979 to March 1980	14 917	11 154	2 174	6 538			
1975 to 1978	27 906	20 384	4 592	12 681			
1970 to 1974	22 412	16 545	3 882	10 056			
1960 to 1969	28 370	20 895	538	13 577			
1950 to 1959	14 487	11 612	2 175	8 562			
1949 or earlier	6 701	5 921	488	5 308			
Renter-occupied housing units	115 421	96 005	9 313	70 597			
1979 to March 1980	48 256	39 535	1 189	26 835			
1975 to 1978	42 128	35 653	3 306	25 974			
1970 to 1974	12 968	10 751	1 094	9 185			
1960 to 1969	8 254	6 892	582	6 114			
1959 or earlier	3 815	3 174	142	2 471			
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER							
Owner-occupied housing units	31 784	26 589	2 797	22 502			
Owner-occupied housing units	20 015	16 396	2 256	13 508			
Lacking complete plumbing for exclusive use	506	454	16	368			
No complete kitchen facilities	686	560	46	480			
No vehicle available	8 902	8 034	298	7 310			
Telephone	1 091	722	33	767			
Lacking central heating system	28 672	23 799	2 561	20 314			
Lacking air conditioning	26 652	21 837	2 597	18 114			

Table 75. Fuels and Financial Characteristics for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (COP)
Occupied housing units	230 214	182 516	28 162	127 139
HOUSE HEATING FUEL				
Utility gas	11 990	10 825	1 012	8 302
Bottled, tank, or LP gas	2 667	2 073		1 021
Electricity	10 883	9 288	826	4 954
Fuel oil, kerosene, etc.	435	428		98
Cool or coke	22	22		22
Wood	1 167	790	296	248
Other fuel	231	47		184
No fuel used	202 819	159 043	25 526	112 452
WATER HEATING FUEL				
Utility gas	41 185	37 853	2 266	32 369
Bottled, tank, or LP gas	9 089	6 689	1 002	5 009
Electricity	176 742	135 405	24 550	87 709
Fuel oil, kerosene, etc.	848	828		796
Other	1 644	1 127	304	752
No fuel used	706	614	40	504
COOKING FUEL				
Utility gas	33 839	31 010	1 905	26 237
Bottled, tank, or LP gas	6 890	4 259	931	2 967
Electricity	188 020	146 094	25 201	96 999
Other	261	166	18	125
No fuel used	1 204	987	107	811
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	77 587	55 181	15 395	32 560
With a mortgage	59 081	40 599	12 938	20 902
Less than \$100	442	174	16	100
\$100 to \$149	523	332	98	218
\$150 to \$199	1 732	1 125	290	511
\$200 to \$249	3 826	2 437	535	982
\$250 to \$299	5 381	3 302	1 546	1 623
\$300 to \$349	4 809	3 326	897	910
\$350 to \$399	4 675	3 299	845	910
\$400 to \$449	4 301	3 049	877	1 604
\$450 to \$499	4 404	3 092	897	1 586
\$500 to \$549	7 642	5 351	1 592	2 507
\$550 to \$599	8 937	6 035	2 058	2 718
\$600 to \$749	12 409	8 847	2 797	5 233
\$750 or more	4 594	5 499	1 499	5 500
Median				
Not mortgaged	18 506	14 582	2 457	11 658
Less than \$50	353	222	20	147
\$50 to \$74	1 789	1 279	242	961
\$75 to \$99	3 815	2 018	428	2 278
\$100 to \$149	7 716	6 118	1 105	4 906
\$150 to \$199	3 319	2 699	467	2 226
\$200 to \$249	1 022	823	144	748
\$250 or more	492	423	51	392
Median	\$119	\$120	\$123	\$123
GROSS RENT				
Specified renter-occupied housing units	113 374	94 490	9 034	69 785
Less than \$50	358	329	5	236
\$50 to \$59	542	491	5	453
\$60 to \$69	1 403	1 088	22	771
\$70 to \$79	1 415	999	40	714
\$80 to \$89	1 698	1 449	31	1 216
\$90 to \$99	2 401	2 020	92	1 670
\$100 to \$119	5 680	2 204	129	1 948
\$120 to \$149	5 680	4 810	312	4 058
\$150 to \$169	15 053	12 964	1 053	10 105
\$170 to \$199	15 139	13 195	845	10 597
\$200 to \$249	13 052	10 916	848	8 498
\$250 to \$299	12 058	10 513	1 157	7 461
\$300 to \$349	14 766	12 107	1 418	8 675
\$350 to \$399	13 311	10 302	2 101	7 434
\$400 to \$449	13 159	11 103	881	5 749
\$450 or more	3315	3310	376	3301
Median				
HOUSEHOLD INCOME IN 1979				
Occupied housing units	230 214	182 516	28 162	127 139
Median income	\$21 661	\$20 669	\$26 288	\$19 921
Owner-occupied housing units	114 793	86 511	18 849	56 542
Median income	\$30 237	\$30 664	\$31 995	\$30 836
Renter-occupied housing units	115 421	96 005	9 313	70 597
Median income	\$13 966	\$14 035	\$16 014	\$14 017
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	3 991	2 655	668	1 899
Percent below poverty level	3.5	3.1	3.5	2.4
Complete plumbing for exclusive use	3 914	2 599	602	1 846
1.01 or more persons per room	651	355	108	198
Loadings complete plumbing for exclusive use	77	56	6	53
1.01 or more persons per room	14	8		
Renter-occupied housing units	17 942	14 248	1 151	10 920
Percent below poverty level	15.5	14.8	12.4	15.5
Complete plumbing for exclusive use	17 799	13 687	1 139	10 467
1.01 or more persons per room	4 815	3 605	271	2 730
Loadings complete plumbing for exclusive use	643	561	15	453
1.01 or more persons per room	217	191	10	138

Table 76. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a White Householder for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (CDP)
Occupied housing units	89 682	67 070	14 516	45 997
YEAR STRUCTURE BUILT				
1979 to March 1980	2 122	1 458	384	975
1975 to 1978	11 997	9 274	1 645	5 900
1970 to 1974	19 411	14 907	2 223	14 603
1960 to 1969	26 073	19 215	4 851	13 911
1950 to 1959	15 729	10 946	3 722	7 292
1940 to 1949	7 567	5 463	1 232	3 885
1939 or earlier	6 783	5 807	459	4 431
BEDROOMS				
None	5 541	5 016	249	4 820
1	16 319	14 454	849	12 937
2	26 301	20 936	3 104	14 465
3	28 136	17 660	6 970	8 736
4	11 423	7 691	2 782	3 940
5 or more	1 962	1 313	562	879
UNITS IN STRUCTURE				
1, detached	32 452	18 896	9 441	11 118
1, attached	4 466	4 797	880	2 181
2	4 566	3 542	450	2 134
3 and 4	6 692	5 097	995	2 702
5 to 9	7 551	5 969	953	3 135
10 to 49	11 965	10 440	921	8 445
50 or more	19 838	18 188	865	16 150
Mobile home or trailer, etc.	152	141	11	132
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units				
1, mobile home or trailer, etc	52 703	42 449	5 662	28 734
Median gross rent	14 566	9 649	2 845	4 772
2 or more	40 593	33 999	5 456	5 805
Median gross rent	38 137	32 800	2 817	23 962
	\$342	\$341	\$365	\$338
BATHROOMS				
No bathroom or only a half bath	1 233	1 091	90	883
1 complete bathroom	40 593	32 734	3 613	25 727
1 complete bathroom plus half bath(s)	12 205	8 666	1 891	9 462
2 or more complete bathrooms	35 651	24 581	8 922	15 725
SOURCE OF WATER				
Public system or private company	89 389	66 878	14 502	45 817
Individual drilled well	65	26	—	26
Individual dug well	—	—	—	—
Some other source	228	164	14	154
HEATING EQUIPMENT				
Steam or hot water system	2 303	1 845	403	1 304
Central warm-air furnace	630	513	77	434
Electric heat pump	588	426	53	310
Other built-in electric units	2 183	1 986	77	442
Floor, wall, or pipeless furnace	37	37	—	16
Room heaters with flue	32	26	6	20
Room heaters without flue	89	89	—	6
Fireplaces, stoves, or portable room heaters	1 630	1 100	364	472
None	82 190	61 048	13 536	42 993
SELECTED CHARACTERISTICS				
No telephone	3 324	2 419	266	1 831
No complete kitchen facilities	1 925	1 551	234	315
Lacking air conditioning	66 684	47 054	12 544	31 262
Lacking public sewer	6 363	2 190	1 514	1 091
No vehicle available	10 058	9 126	357	8 391
YEAR HOUSEHOLDER MOVED INTO UNIT				
Owner-occupied housing units				
1979 to March 1980	36 057	23 921	8 693	16 390
1975 to 1978	6 580	4 420	1 360	2 660
1970 to 1974	11 328	7 446	2 425	7 077
1960 to 1969	6 959	4 663	1 668	3 399
1950 to 1959	6 807	4 327	1 963	3 103
1949 or earlier	2 797	1 793	532	1 485
	1 586	1 272	245	1 206
Renter-occupied housing units				
1979 to March 1980	53 625	43 149	5 823	29 607
1975 to 1978	26 403	20 852	2 988	13 211
1970 to 1974	20 369	16 860	2 059	11 164
1960 to 1969	4 011	3 138	519	2 662
1950 to 1959	2 235	1 796	213	1 630
1949 or earlier	607	503	44	400
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER				
Occupied housing units				
Owner-occupied housing units	11 096	8 973	1 438	8 234
Lacking complete plumbing for exclusive use	6 792	5 210	1 167	4 668
No complete kitchen facilities	276	236	16	233
No vehicle available	3 456	3 190	130	3 060
No telephone	10 538	8 440	15	203
Lacking central heating system	10 453	8 440	7 762	7 762
Lacking air conditioning	8 199	6 273	1 345	5 613

Table 77. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Black Householder for Areas and Places: 1980**

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (COP)
Occupied housing units	4 445	3 709	447
YEAR STRUCTURE BUILT			
1979 to March 1980	119	86	20
1975 to 1978	949	869	54
1970 to 1974	1 114	871	119
1960 to 1969	1 021	868	82
1950 to 1959	618	466	135
1940 to 1949	388	330	37
1939 or earlier	236	219	119
BEDROOMS			
None	168	129	33
1	794	749	23
2	1 672	1 489	105
3	1 175	830	197
4	586	474	77
5 or more	50	38	12
UNITS IN STRUCTURE			
1, detached	620	419	150
1, attached	525	458	40
2	214	129	50
3 and 4	751	627	83
5 to 9	591	507	27
10 to 49	953	836	76
50 or more	791	733	21
Mobile home or trailer, etc.,	—	—	—
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	3 660	3 159	321
1, mobile home or trailer, etc.	630	527	73
Median gross rent	\$416	\$375	\$500+
2 or more	3 030	2 632	248
Median gross rent	\$318	\$315	\$283
BATHROOMS			
No bathroom or only a half bath	95	95	—
1 complete bathroom	2 293	1 967	164
1 complete bathroom plus half bath	995	859	61
2 or more complete bathrooms	1 062	808	222
SOURCE OF WATER			
Public system or private company	4 429	3 693	447
Individual drilled well	—	—	—
Individual dug well	8	8	8
Some other source	8	8	8
HEATING EQUIPMENT			
Steam or hot water system	108	104	—
Central warm-air furnace	47	47	—
Electric heat pump	54	43	6
Other built-in electric units	327	304	5
Floor, wall, or pipeless furnace	22	22	—
Room heaters with fuel	19	19	—
Room heaters without fuel	8	8	—
Fireplaces, stoves, or portable room heaters	82	76	—
None	3 778	3 086	441
SELECTED CHARACTERISTICS			
No telephone	328	267	41
No complete kitchen facilities	50	50	—
Lacking air conditioning	3 179	2 577	357
Lacking public sewer	153	111	11
No vehicle available	493	448	22
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	662	452	103
1979 to March 1980	181	149	25
1975 to 1978	240	141	52
1970 to 1974	99	50	29
1960 to 1969	140	72	14
1950 to 1959	39	31	8
1949 or earlier	9	9	—
Renter-occupied housing units	3 783	3 257	344
1979 to March 1980	2 275	1 924	787
1975 to 1978	1 310	1 205	137
1970 to 1974	83	73	10
1960 to 1969	48	48	—
1950 or earlier	7	7	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	157	140	122
Owner-occupied housing units	84	67	59
Lacking complete plumbing for exclusive use	—	—	—
No complete kitchen facilities	—	—	—
No vehicle available	50	50	—
No telephone	—	—	—
Lacking central heating system	145	128	110
Lacking air conditioning	97	80	17

Table 78. Plumbing, Equipment, and Structural Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's [1,000 or More of the Specified Racial Group]	SMSA's	Urbanized areas
	Honolulu, Hawaii	Honolulu, Hawaii
Occupied housing units	841	577
YEAR STRUCTURE BUILT		
1979 to March 1980	8	—
1975 to 1978	113	76
1970 to 1974	218	151
1960 to 1969	172	120
1950 to 1959	175	124
1940 to 1949	77	43
1939 or earlier	78	63
BEDROOMS		
None	99	43
1	142	106
2	275	223
3	250	139
4	59	46
5 or more	6	—
UNITS IN STRUCTURE		
1, detached	233	107
1, attached	42	29
2	57	34
3 and 4	90	65
5 to 9	60	56
10 to 49	185	156
50 or more	174	130
Mobile home or trailer, etc.	—	—
UNITS IN STRUCTURE BY GROSS RENT		
Specified renter-occupied housing units	652	503
1, mobile home or trailer, etc.	132	91
Median gross rent	\$405	\$391
2 or more	520	412
Median gross rent	\$321	\$311
BATHROOMS		
No bathroom or only a half bath ..	42	36
1 complete bathroom	464	363
1 complete bathroom plus half bath(s)	92	43
2 or more complete bathrooms	243	135
SOURCE OF WATER		
Public system or private company ..	841	577
Individual drilled well	—	—
Individual dug well	—	—
Some other source	—	—
HEATING EQUIPMENT		
Steam or hot water system	20	20
Central warm-air furnace	—	—
Electric heat pump	—	—
Other built-in electric units	7	7
Floor, wall, or pipeless furnace ..	—	—
Room heaters with flue	—	—
Room heaters without flue	—	—
Fireplaces, stoves, or portable room heaters	11	—
None	803	550
SELECTED CHARACTERISTICS		
No telephone	111	67
No complete kitchen facilities	51	23
Lacking air conditioning	655	435
Lacking public sewer	103	37
No vehicle available	159	123
YEAR HOUSEHOLDER MOVED INTO UNIT		
Owner-occupied housing units	183	74
1979 to March 1980	38	18
1975 to 1978	64	17
1970 to 1974	42	30
1960 to 1969	9	9
1950 to 1959	30	—
1949 or earlier	—	—
Renter-occupied housing units	658	503
1979 to March 1980	328	248
1975 to 1978	234	165
1970 to 1974	40	40
1960 to 1969	34	28
1959 or earlier	22	22
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER		
Occupied housing units	44	29
Owner-occupied housing units	15	—
Lacking complete plumbing for exclusive use	—	—
No complete kitchen facilities	7	—
No vehicle available	15	15
No telephone	—	—
Lacking central heating system	44	29
Lacking air conditioning	37	22

Table 79. Plumbing, Equipment, and Structural Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii
	Honolulu (CDP)		
Occupied housing units	131 083	107 916	12 627
77 480			
YEAR STRUCTURE BUILT			
1979 to March 1980	3 348	2 625	323
1975 to 1978	11 928	9 622	936
1970 to 1974	24 335	19 951	2 154
1960 to 1969	41 011	33 371	5 048
1950 to 1959	25 742	21 064	2 883
1940 to 1949	11 896	10 000	944
1939 or earlier	12 823	11 283	339
BEDROOMS			
None	7 626	7 121	133
1	24 458	22 410	977
2	33 001	28 415	2 186
3	45 536	34 061	6 531
4	15 360	11 629	2 267
5 or more	5 102	4 282	533
UNITS IN STRUCTURE			
1, detached	68 340	51 173	9 957
1, attached	4 455	3 656	398
2	6 912	6 047	259
3 and 4	7 007	5 965	550
5 to 9	10 119	9 026	354
10 to 49	17 654	16 206	707
50 or more	16 498	15 752	402
Mobile home or trailer, etc.	98	91	-
UNITS IN STRUCTURE BY GROSS RENT			
Specified renter-occupied housing units	53 412	46 035	2 706
1, mobile home or trailer, etc.	13 434	1 416	5 830
Median gross rent	\$317	\$325	\$371
2 or more	39 978	36 672	1 290
Median gross rent	\$276	\$275	\$326
BATHROOMS			
No bathroom or only a half bath	2 902	2 646	64
1 complete bathroom	62 509	53 315	3 528
1 complete bathroom plus half bath(s)	20 815	16 280	2 612
2 or more complete bathrooms	44 857	35 675	6 423
SOURCE OF WATER			
Public system or private company	130 617	107 700	12 603
Individual drilled well	174	136	-
Individual dug well	18	-	-
Some other source	274	80	24
HEATING EQUIPMENT			
Steam or hot water system	11 656	10 297	1 034
Central warm-air furnace	361	332	6
Electric heat pump	2 068	1 748	174
Other built-in electric units	2 482	2 175	172
Floor, wall, or pipeless furnace	74	65	9
Room heaters with flue	245	229	6
Room heaters without flue	61	61	48
Fireplaces, stoves, or portable room heaters	1 585	1 314	194
None	112 551	91 695	11 032
SELECTED CHARACTERISTICS			
No telephone	5 174	4 017	207
No complete kitchen facilities	2 468	2 032	180
Lacking air conditioning	110 822	89 734	11 239
Lacking public sewer	10 266	3 456	461
No vehicle available	14 273	12 708	411
YEAR HOUSEHOLDER MOVED INTO UNIT			
Owner-occupied housing units	76 696	61 175	9 839
1979 to March 1980	7 968	6 454	807
1975 to 1978	14 028	12 585	1 865
1970 to 1974	14 963	11 577	2 109
1960 to 1969	21 211	16 302	3 519
1950 to 1959	11 495	9 680	6 989
1949 or earlier	5 031	4 577	243
Renter-occupied housing units	54 387	46 741	2 788
1979 to March 1980	17 786	15 321	853
1975 to 1978	19 105	16 640	931
1970 to 1974	8 572	7 266	554
1960 to 1969	5 800	4 911	357
1950 or earlier	3 124	2 603	92
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER			
Occupied housing units	20 118	17 165	1 301
Owner-occupied housing units	12 955	10 986	1 038
Lacking complete plumbing for exclusive use	409	364	281
No complete kitchen facilities	400	314	30
No vehicle available	5 213	4 651	168
No telephone	820	491	18
Lacking central heating system	17 675	14 936	1 153
Lacking air conditioning	17 965	15 197	1 194

Table 80. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Koenehe, Hawaii	Honolulu (CDP)
Occupied housing units	12 924	9 616	1 302	5 645
YEAR STRUCTURE BUILT				
1979 to March 1980	265	207	4	115
1975 to 1978	1 541	1 124	138	422
1970 to 1974	2 632	1 967	216	907
1960 to 1969	3 817	2 545	478	1 609
1950 to 1959	2 678	2 055	306	1 254
1940 to 1949	996	687	99	396
1939 or earlier	988	731	61	542
BEDROOMS				
None	866	770	52	686
1	2 574	2 280	135	1 723
2	4 078	3 068	430	1 700
3	3 955	2 550	450	946
4	1 181	767	178	291
5 or more	270	181	57	99
UNITS IN STRUCTURE				
1, detached	4 749	2 949	660	1 027
1, attached	767	525	126	239
2	779	609	32	349
3 and 4	1 029	800	152	377
5 to 9	1 577	1 282	85	113
10 to 49	2 400	2 009	29	1 527
50 or more	1 603	1 422	53	1 184
Mobile home or trailer, etc.	20	20	—	9
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units	8 378	6 442	728	4 121
1, mobile home or trailer, etc.	2 164	1 280	303	541
Median gross rent	\$349	\$359	\$377	\$362
2 or more	6 214	5 162	425	3 580
Median gross rent	\$299	\$294	\$316	\$294
BATHROOMS				
No bathroom or only a half bath ..	377	290	56	228
1 complete bathroom	7 542	5 722	621	3 813
1 complete bathroom plus half bath(s) ..	1 875	1 374	157	440
2 or more complete bathrooms	3 130	2 230	468	964
SOURCE OF WATER				
Public system or private company	12 794	9 559	1 297	5 420
Individual drilled well	54	30	11	11
Individual dug well	—	—	—	—
Some other source	76	27	5	14
HEATING EQUIPMENT				
Steam or hot water system	1 203	1 031	125	631
Central warm-air furnace	95	82	7	60
Electric heat pump	252	192	24	98
Other built-in electric units	453	386	22	140
Floor, wall, or pipeless furnace	31	22	9	14
Room heaters with flue	10	10	—	10
Room heaters without flue	13	13	6	—
Fireplaces, stoves, or portable room heaters ..	137	84	29	19
None	10 730	7 776	1 086	4 467
SELECTED CHARACTERISTICS				
No telephone	873	650	28	418
No complete kitchen facilities	206	163	19	137
Lacking air conditioning	10 994	7 968	1 138	4 456
Lacking public sewer	1 407	564	128	125
No vehicle available	1 776	1 428	59	1 108
YEAR HOUSEHOLDER MOVED INTO UNIT				
Owner-occupied housing units	4 415	3 094	544	1 305
1979 to March 1980	628	436	45	199
1975 to 1978	1 116	739	131	279
1970 to 1974	1 076	749	143	194
1960 to 1969	1 061	764	144	342
1950 to 1959	351	259	64	154
1949 or earlier	177	147	17	137
Renter-occupied housing units	8 509	6 522	758	4 140
1979 to March 1980	3 675	2 814	321	1 642
1975 to 1978	3 204	2 474	346	1 652
1970 to 1974	657	648	467	457
1960 to 1969	532	406	44	286
1959 or earlier	241	180	5	93
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER				
Occupied housing units	1 342	1 038	104	736
Owner-occupied housing units	601	467	64	294
Lacking complete plumbing for exclusive use ..	45	38	7	31
No complete kitchen facilities	35	24	—	24
No vehicle available	461	367	4	300
No telephone	80	65	—	43
Lacking central heating system	1 137	871	81	650
Lacking air conditioning	1 249	966	100	684

Table 81. Fuels and Financial Characteristics of Housing Units With a White Householder for Areas and Places:
1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

SCSA's
SMSA's

Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's

	SMSA's	Urbanized areas	Places
	Honolulu, Hawaii	Honolulu, Hawaii	Honolulu (CDP)
Occupied housing units	89 682	67 070	14 516
HOUSE HEATING FUEL			45 997
Utility gas	2 081	1 800	267
Bottled, tank, or LP gas	421	262	109
Electricity	3 961	3 323	895
Fuel oil, kerosene, etc.	84	77	25
Coal or coke	7	7	7
Wood	857	547	250
Other fuel	81	6	1
No fuel used	82 190	61 048	13 536
WATER HEATING FUEL			42 993
Utility gas	16 248	14 572	1 212
Bottled, tank, or LP gas	3 186	2 273	11 280
Electricity	68 748	49 022	12 611
Fuel oil, kerosene, etc.	536	530	512
Other	724	443	349
No fuel used	220	220	176
COOKING FUEL			
Utility gas	10 969	9 647	985
Bottled, tank, or LP gas	1 969	1 034	427
Electricity	76 055	55 812	13 054
Other	75	59	54
No fuel used	614	518	394
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS			
Specified owner-occupied housing units	21 002	11 911	6 730
With a mortgage	16 997	9 227	5 810
Less than \$100	47	25	7
\$100 to \$149	123	52	47
\$150 to \$199	336	197	76
\$200 to \$249	850	390	351
\$250 to \$299	1 046	456	499
\$300 to \$349	927	495	345
\$350 to \$399	1 008	553	303
\$400 to \$449	952	467	378
\$450 to \$499	1 154	569	388
\$500 to \$599	2 068	1 149	631
\$600 to \$749	2 940	1 518	1 021
\$750 or more	5 546	3 356	1 768
Median	\$599	\$625	\$583
Not mortgaged	4 005	2 684	920
Less than \$50	100	57	35
\$50 to \$74	471	278	109
\$75 to \$99	751	434	169
\$100 to \$149	1 439	980	345
\$150 to \$199	735	545	152
\$200 to \$249	288	209	79
\$250 or more	221	181	40
Median	\$119	\$124	\$119
GROSS RENT			
Specified renter-occupied housing units	52 703	42 449	5 662
Less than \$50	88	76	46
\$50 to \$59	90	90	90
\$60 to \$79	300	254	6
\$80 to \$99	284	235	7
\$100 to \$119	373	310	8
\$120 to \$149	520	406	17
\$150 to \$169	740	551	88
\$170 to \$199	1 737	1 429	170
\$200 to \$249	6 010	4 878	674
\$250 to \$299	5 712	4 834	630
\$300 to \$349	5 435	4 470	457
\$350 to \$399	6 177	4 872	655
\$400 to \$499	7 959	6 578	912
\$500 or more	9 130	6 879	1 608
No cash rent	8 148	6 787	632
Median	\$538	\$553	\$401
HOUSEHOLD INCOME IN 1979			
Occupied housing units	89 682	67 070	14 516
Median income	\$19 316	\$18 336	\$23 351
Owner-occupied housing units	36 057	23 921	8 493
Median income	\$30 054	\$30 187	\$32 865
Renter-occupied housing units	53 625	43 149	5 823
Median income	\$14 502	\$14 459	\$16 590
INCOME IN 1979 BELOW POVERTY LEVEL			
Owner-occupied housing units	1 429	935	313
Percent below poverty level	4.0	3.9	3.6
Complete plumbing for exclusive use	1 396	911	313
1.01 or more persons per room	116	57	33
Lacking complete plumbing for exclusive use	33	24	21
1.01 or more persons per room	—	—	—
Renter-occupied housing units	6 268	4 700	549
Percent below poverty level	11.7	10.9	9.4
Complete plumbing for exclusive use	6 098	4 535	549
1.01 or more persons per room	850	536	51
Lacking complete plumbing for exclusive use	170	165	137
1.01 or more persons per room	32	27	6

Table 82. Fuels and Financial Characteristics of Housing Units With a Black Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's**

	SMSA's	Urbanized areas			Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kaneohe, Hawaii	Honolulu (COP)	
Occupied housing units	4 445	3 709	447	1 523	
HOUSE HEATING FUEL					
Utility gas	135	131	—	52	
Bottled, tank, or LP gas	30	30	—	15	
Electricity	478	438	6	42	
Fuel oil, kerosene, etc.	3	3	—	—	
Coal or coke	—	—	—	—	
Wood	21	21	—	15	
Other fuel	—	—	—	—	
No fuel used	3 778	3 086	441	1 399	
WATER HEATING FUEL					
Utility gas	700	658	19	340	
Bottled, tank, or LP gas	3 135	114	4	37	
Electricity	3 578	2 913	424	1 125	
Fuel oil, kerosene, etc.	17	17	—	17	
Other	11	3	—	—	
No fuel used	4	4	—	4	
COOKING FUEL					
Utility gas	603	567	19	289	
Bottled, tank, or LP gas	75	75	4	30	
Electricity	3 719	3 046	424	1 183	
Other	—	—	—	—	
No fuel used	21	21	—	21	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units	328	218	81	99	
With a mortgage	265	160	76	54	
Less than \$100	—	—	—	—	
\$100 to \$149	—	—	—	—	
\$150 to \$199	13	13	—	13	
\$200 to \$249	34	26	—	17	
\$250 to \$299	7	—	—	—	
\$300 to \$349	7	6	7	6	
\$350 to \$399	14	8	—	5	
\$400 to \$449	10	10	—	—	
\$450 to \$499	20	6	—	—	
\$500 to \$599	43	4	31	—	
\$600 to \$749	48	27	16	—	
\$750 or more	76	61	15	6	
Median	\$582	\$688	\$585	\$241	
Not mortgaged	63	58	5	45	
Less than \$50	—	—	—	—	
\$50 to \$74	—	—	—	—	
\$75 to \$99	9	9	—	9	
\$100 to \$149	35	30	5	17	
\$150 to \$199	19	19	—	19	
\$200 to \$249	—	—	—	—	
\$250 or more	—	—	—	—	
Median	\$116	\$117	\$113	\$120	
GROSS RENT					
Specified renter-occupied housing units	3 660	3 159	321	1 307	
Less than \$50	—	—	—	—	
\$50 to \$59	8	8	—	8	
\$60 to \$79	8	8	—	8	
\$80 to \$99	5	5	—	—	
\$100 to \$119	9	9	—	9	
\$120 to \$149	34	34	—	11	
\$150 to \$169	17	17	—	11	
\$170 to \$199	89	151	38	70	
\$200 to \$249	446	402	44	189	
\$250 to \$299	492	420	57	164	
\$300 to \$349	306	240	13	51	
\$350 to \$399	313	273	14	99	
\$400 to \$499	512	423	59	159	
\$500 or more	375	284	63	165	
No cash rent	946	885	33	363	
Median	\$324	\$317	\$319	\$302	
HOUSEHOLD INCOME IN 1979					
Occupied housing units	4 445	3 709	447	1 523	
Median income	\$13 273	\$12 600	\$19 157	\$12 879	
Owner-occupied housing units	662	452	103	186	
Median income	\$21 700	\$21 848	\$26 477	\$19 848	
Renter-occupied housing units	3 783	3 257	344	1 337	
Median income	\$12 113	\$11 876	\$16 250	\$12 123	
INCOME IN 1979 BELOW POVERTY LEVEL					
Owner-occupied housing units	50	34	7	21	
Percent below poverty level	7.6	7.5	6.8	11.3	
Complete plumbing for exclusive use	50	34	7	21	
1.01 or more persons per room	10	10	—	10	
Locking complete plumbing for exclusive use	—	—	—	—	
1.01 or more persons per room	—	—	—	—	
Renter-occupied housing units	470	419	29	232	
Percent below poverty level	12.4	12.9	8.4	17.4	
Complete plumbing for exclusive use	470	419	29	232	
1.01 or more persons per room	91	81	—	34	
Locking complete plumbing for exclusive use	—	—	—	—	
1.01 or more persons per room	—	—	—	—	

Table 83. **Fuels and Financial Characteristics of Housing Units With an American Indian, Eskimo, or Aleut Householder for Areas and Places: 1980**

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	SMSA's	Urbanized areas
	Honolulu, Hawaii	Honolulu, Hawaii
Occupied housing units	841	577
HOUSE HEATING FUEL		
Utility gas.....	12	12
Bottled, tank, or LP gas.....	8	8
Electricity.....	7	7
Fuel oil, kerosene, etc.....	—	—
Coal or coke.....	—	—
Wood.....	11	—
Other fuel.....	—	—
No fuel used.....	803	550
WATER HEATING FUEL		
Utility gas.....	185	179
Bottled, tank, or LP gas.....	67	44
Electricity.....	557	340
Fuel oil, kerosene, etc.....	—	—
Other.....	17	5
No fuel used.....	15	9
COOKING FUEL		
Utility gas.....	170	164
Bottled, tank, or LP gas.....	23	5
Electricity.....	640	408
Other.....	—	—
No fuel used.....	8	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS		
Specified owner-occupied housing units	137	45
With a mortgage.....	119	38
Less than \$100.....	—	—
\$100 to \$149.....	—	—
\$150 to \$199.....	5	—
\$200 to \$249.....	9	—
\$250 to \$299.....	—	—
\$300 to \$349.....	17	11
\$350 to \$399.....	13	—
\$400 to \$449.....	7	—
\$450 to \$499.....	—	—
\$500 to \$599.....	32	15
\$600 to \$749.....	11	5
\$750 or more.....	25	7
Median.....	\$563	\$577
Not mortgaged.....	18	7
Less than \$50.....	—	—
\$50 to \$74.....	—	—
\$75 to \$99.....	—	—
\$100 to \$149.....	11	—
\$150 to \$199.....	—	—
\$200 to \$249.....	7	7
\$250 or more.....	—	—
Median.....	\$145	\$225
GROSS RENT		
Specified renter-occupied housing units	652	503
Less than \$50.....	—	—
\$50 to \$59.....	—	—
\$60 to \$79.....	—	—
\$80 to \$99.....	—	—
\$100 to \$119.....	5	5
\$120 to \$149.....	6	6
\$150 to \$169.....	29	22
\$170 to \$199.....	41	35
\$200 to \$249.....	80	57
\$250 to \$299.....	65	65
\$300 to \$349.....	77	49
\$350 to \$399.....	96	59
\$400 to \$499.....	87	74
\$500 or more.....	94	65
No cash rent.....	72	66
Median.....	\$342	\$329
HOUSEHOLD INCOME IN 1979		
Occupied housing units	841	577
Median income.....	\$13 492	\$11 972
Owner-occupied housing units.....	163	74
Median income.....	\$26 033	\$20 278
Renter-occupied housing units.....	658	503
Median income.....	\$11 675	\$11 405
INCOME IN 1979 BELOW POVERTY LEVEL		
Owner-occupied housing units	10	—
Percent below poverty level.....	5.5	—
Complete plumbing for exclusive use.....	10	—
1.01 or more persons per room.....	—	—
Lacking complete plumbing for exclusive use.....	—	—
1.01 or more persons per room.....	—	—
Renter-occupied housing units	149	120
Percent below poverty level.....	22.6	23.9
Complete plumbing for exclusive use.....	140	111
1.01 or more persons per room.....	33	24
Lacking complete plumbing for exclusive use.....	9	9
1.01 or more persons per room.....	9	9

Table 84. Fuels and Financial Characteristics of Housing Units With an Asian or Pacific Islander Householder for Areas and Places: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**SCSA's
SMSA's
Urbanized Areas
Places of 50,000 or More
and Central Cities of
SMSA's
[1,000 or More of the
Specified Racial Group]**

	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kailua-Kanehe, Hawaii	Honolulu (CDP)
Occupied housing units	131 083	107 916	12 627	77 480
HOUSE HEATING FUEL				
Utility gas	9 531	8 677	719	6 811
Bottled, tank, or LP gas	2 171	1 746	221	889
Electricity	6 084	5 217	504	3 411
Fuel oil, kerosene, etc.	315	315	—	73
Coal or coke	15	15	—	15
Wood	266	210	42	68
Other fuel	150	41	109	41
No fuel used	112 551	91 695	11 052	66 172
WATER HEATING FUEL				
Utility gas	23 380	21 866	982	20 179
Bottled, tank, or LP gas	5 469	4 077	490	3 198
Electricity	100 583	80 618	11 041	53 121
Fuel oil, kerosene, etc.	295	281	—	267
Other	892	676	80	383
No fuel used	464	378	34	332
COOKING FUEL				
Utility gas	21 515	20 120	872	18 433
Bottled, tank, or LP gas	4 617	3 030	473	2 171
Electricity	104 216	84 211	11 219	56 409
Other	181	107	8	71
No fuel used	554	448	55	396
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	55 290	42 421	8 407	24 782
With a mortgage	41 080	30 741	6 900	15 499
Less than \$100	190	149	16	93
\$100 to \$149	400	280	48	171
\$150 to \$199	1 366	903	209	420
\$200 to \$249	2 893	1 988	577	795
\$250 to \$299	4 290	2 807	1 041	1 431
\$300 to \$349	3 813	2 800	618	1 625
\$350 to \$399	3 771	2 739	507	1 607
\$400 to \$449	3 287	2 532	492	1 364
\$450 to \$499	3 182	2 469	503	1 206
\$500 to \$599	5 378	3 096	896	1 810
\$600 to \$749	5 835	4 406	1 006	1 973
\$750 or more	6 675	5 372	987	3 004
Median	\$458	\$470	\$444	\$460
Not mortgaged	14 210	11 680	1 507	9 283
Less than \$50	253	165	14	112
\$50 to \$74	1 294	994	133	726
\$75 to \$99	2 996	2 533	259	1 926
\$100 to \$149	6 136	5 036	710	4 033
\$150 to \$199	2 533	2 103	315	1 719
\$200 to \$249	727	607	65	550
\$250 or more	271	242	11	217
Median	\$119	\$119	\$124	\$121
GROSS RENT				
Specified renter-occupied housing units	53 412	46 035	2 706	38 021
Less than \$50	260	243	5	180
\$50 to \$59	434	383	5	345
\$60 to \$79	1 081	812	16	569
\$80 to \$99	1 080	723	26	482
\$100 to \$119	1 258	1 087	23	889
\$120 to \$149	1 771	1 525	75	1 271
\$150 to \$169	1 694	1 555	41	1 372
\$170 to \$199	3 631	3 124	32	2 844
\$200 to \$249	8 116	7 321	265	6 415
\$250 to \$299	8 495	7 598	330	6 564
\$300 to \$349	6 768	5 790	410	4 869
\$350 to \$399	5 870	5 013	415	4 067
\$400 to \$499	5 931	5 002	418	3 919
\$500 or more	3 408	2 629	391	1 929
No cash rent	3 615	3 030	192	2 220
Median	\$284	\$282	\$346	\$278
HOUSEHOLD INCOME IN 1979				
Occupied housing units	131 083	107 916	12 627	77 480
Median income	\$22 967	\$22 839	\$27 696	\$21 215
Owner-occupied housing units	76 696	61 175	9 839	39 014
Median income	\$30 535	\$31 047	\$31 323	\$30 965
Renter-occupied housing units	54 387	46 741	2 788	38 466
Median income	\$13 870	\$14 144	\$15 391	\$14 132
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	2 404	1 595	331	1 127
Percent below poverty level	3.1	2.6	3.4	2.9
Complete plumbing for exclusive use	2 360	1 563	325	1 095
1.01 or more persons per room	520	283	75	154
Lacking complete plumbing for exclusive use	44	32	6	32
1.01 or more persons per room	14	8	—	8
Renter-occupied housing units	10 320	8 432	496	6 810
Percent below poverty level	19.0	18.0	17.8	17.7
Complete plumbing for exclusive use	9 864	8 048	486	6 506
1.01 or more persons per room	3 583	2 758	208	2 187
Lacking complete plumbing for exclusive use	456	384	10	304
1.01 or more persons per room	173	152	10	120

Table B5. **Fuels and Financial Characteristics of Housing Units With a Householder of Spanish Origin for Areas and Places: 1980**

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

SCSA's SMSA's Urbanized Areas Places of 50,000 or More and Central Cities of SMSA's	SMSA's	Urbanized areas		Places
	Honolulu, Hawaii	Honolulu, Hawaii	Kaioa-Kaneohe, Hawaii	Honolulu (CDP)
Occupied housing units	12 924	9 616	1 302	5 445
HOUSE HEATING FUEL				
Utility gas	963	856	96	589
Bottled, tank, or LP gas	247	188	23	73
Electricity	899	725	82	307
Fuel oil, kerosene, etc.	41	41	-	4
Coal or coke	-	-	-	-
Wood	29	10	-	5
Other fuel	15	-	15	-
No fuel used	10 730	7 796	1 086	4 467
WATER HEATING FUEL				
Utility gas	1 978	1 707	123	1 339
Bottled, tank, or LP gas	714	490	84	320
Electricity	10 132	7 361	1 082	3 754
Fuel oil, kerosene, etc.	10	10	-	-
Other	67	35	7	19
No fuel used	23	13	6	13
COOKING FUEL				
Utility gas	1 847	1 603	106	1 263
Bottled, tank, or LP gas	646	379	43	205
Electricity	10 365	7 600	1 141	3 943
Other	25	-	5	-
No fuel used	41	34	7	34
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	2 982	1 976	416	671
With a mortgage	2 440	1 612	350	439
Less than \$100	18	13	-	7
\$100 to \$149	17	17	-	9
\$150 to \$199	48	23	7	-
\$200 to \$249	127	82	27	7
\$250 to \$299	237	159	38	47
\$300 to \$349	183	88	50	24
\$350 to \$399	273	181	55	67
\$400 to \$449	188	140	15	47
\$450 to \$499	161	116	15	28
\$500 to \$599	400	292	27	70
\$600 to \$749	371	248	46	44
\$750 or more	417	253	70	89
Median	\$490	\$494	\$398	\$471
Not mortgaged	542	364	66	232
Less than \$50	13	5	-	-
\$50 to \$74	51	35	-	29
\$75 to \$99	101	75	9	47
\$100 to \$149	188	98	32	60
\$150 to \$199	158	126	25	76
\$200 to \$249	17	17	-	12
\$250 to \$299	14	8	-	8
Median	\$124	\$134	\$139	\$137
GROSS RENT				
Specified renter-occupied housing units	8 378	6 462	728	4 121
Less than \$50	16	16	-	16
\$50 to \$59	42	35	-	35
\$60 to \$79	100	65	-	40
\$80 to \$99	154	105	10	59
\$100 to \$119	154	109	14	78
\$120 to \$149	212	120	10	88
\$150 to \$169	257	235	13	172
\$170 to \$199	302	262	19	146
\$200 to \$249	1 128	881	110	610
\$250 to \$299	1 109	896	51	633
\$300 to \$349	1 208	863	115	564
\$350 to \$399	1 126	826	139	551
\$400 to \$499	988	743	117	478
\$500 or more	686	523	69	309
No cash rent	896	783	57	342
Median	\$311	\$307	\$345	\$301
HOUSEHOLD INCOME IN 1979				
Occupied housing units	12 924	9 616	1 302	5 445
Median income	\$15 783	\$15 617	\$17 665	\$14 704
Owner-occupied housing units	4 415	3 024	544	1 305
Median income	\$26 210	\$26 891	\$25 775	\$27 037
Renter-occupied housing units	8 509	6 522	758	4 140
Median income	\$11 901	\$11 928	\$19 580	\$12 422
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	315	205	59	78
Percent below poverty level	7.1	6.6	10.8	6.0
Complete plumbing for exclusive use	315	205	59	78
1 01 or more persons per room	103	68	16	28
Lacking complete plumbing for exclusive use	-	-	-	-
1 01 or more persons per room	-	-	-	-
Renter-occupied housing units	2 059	1 484	106	920
Percent below poverty level	24.2	22.8	14.0	22.2
Complete plumbing for exclusive use	2 013	1 454	101	890
1 01 or more persons per room	630	437	21	299
Lacking complete plumbing for exclusive use	46	30	5	30
1 01 or more persons per room	-	-	-	-

Table 86. Structural Characteristics for Places of 10,000 to 50,000: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places	Aiea (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kahului (CDP)	Kailua (CDP), Honolulu County	Kaneohe (CDP)	Mililani Town (CDP)	Makapuu (CDP)	Pearl City (CDP)	Schofield Barracks (CDP)	Wahiawa (CDP)	Wahiula (CDP)	Waipahu (CDP)
YEAR STRUCTURE BUILT													
Year-round housing units													
1979 to March 1980	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1979 to 1978	1 325	50	1 395	411	644	1 040	2 233	287	1 264	612	257	446	535
1970 to 1974	2 843	1 304	2 591	859	1 305	1 015	3 018	411	2 877	437	459	341	1 252
1960 to 1969	2 72	1 211	2 464	1 565	3 511	3 440	568	478	4 353	588	1 583	860	3 753
1950 to 1959	2 047	649	1 517	733	3 590	1 907	33	495	1 827	1 080	1 639	452	984
1940 to 1949	351	214	1 365	90	1 305	530	—	207	148	151	853	393	303
1930 or earlier	356	101	1 975	63	395	185	—	—	80	339	705	919	162
Owner-occupied housing units													
1979 to March 1980	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1979 to 1978	470	33	1 069	240	352	604	1 948	—	1 018	—	79	242	275
1970 to 1974	1 358	1 093	1 288	503	1 015	562	2 413	—	2 395	—	102	151	649
1960 to 1969	756	242	1 377	1 110	2 458	2 353	415	—	3 284	—	523	367	2 071
1950 to 1959	1 479	416	995	664	2 484	1 561	7	—	1 150	—	935	299	474
1940 to 1949	162	49	666	70	843	311	—	—	24	—	403	224	32
1930 or earlier	246	12	860	34	198	91	—	—	34	—	273	451	16
Renter-occupied housing units													
1979 to March 1980	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1979 to 1978	5	—	47	209	59	95	86	13	135	12	10	52	46
1970 to 1974	796	17	291	151	232	352	254	279	204	612	178	162	255
1960 to 1969	1 401	183	1 186	236	435	537	402	459	432	331	179	748	—
1950 to 1959	815	336	964	409	972	963	153	476	1 018	584	1 002	411	1 584
1940 to 1949	526	207	486	61	1 022	386	26	477	649	1 026	677	142	491
1930 or earlier	157	183	613	20	208	100	207	207	120	208	207	413	152
1939 or earlier	105	89	1 016	29	179	94	—	—	41	317	399	427	166
BEDROOMS													
Year-round housing units													
None	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1	145	32	609	195	282	120	19	—	49	—	283	314	59
2	1 610	345	1 020	566	739	681	151	11	865	50	944	604	784
3	2 388	800	2 357	886	2 221	1 822	1 762	446	1 799	1 244	1 667	989	2 534
4	4 234	1 771	2 026	1 026	3 144	2 623	2 893	1 066	6 557	1 484	1 993	1 263	2 406
5 or more	1 403	430	1 206	403	2 189	1 085	1 425	421	1 751	699	505	351	760
5 or more	375	78	341	112	522	191	157	5	342	117	154	88	316
Owner-occupied housing units													
None	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1	10	33	10	12	10	13	13	—	816	—	13	18	18
2	466	183	87	10	267	316	75	—	445	—	114	85	148
3	800	455	468	253	1 002	791	1 353	—	1 130	—	353	450	608
4	3 163	1 293	4 931	1 794	3 871	3 402	3 893	—	5 085	—	1 391	977	1 638
5 or more	1 200	357	613	194	1 946	953	1 277	—	1 515	—	334	277	639
5 or more	353	78	263	109	436	184	130	—	325	—	133	53	270
Renter-occupied housing units													
None	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1	112	22	488	158	243	80	6	—	36	—	233	35	35
2	1 064	164	843	348	414	354	66	11	379	50	778	467	626
3	1 448	324	1 693	409	1 099	886	372	438	1 214	1 254	1 448	609	1 016
4	419	92	232	204	1 077	1 084	429	999	1 389	1 361	565	275	690
5 or more	198	62	274	54	235	122	133	421	222	673	158	67	121
5 or more	19	—	73	3	62	7	27	5	17	108	21	35	46
STORIES IN STRUCTURE													
Year-round housing units													
1 to 3	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1 to 3	8 198	3 456	11 152	3 630	10 652	7 846	6 251	1 889	11 338	3 578	5 118	3 441	6 906
4 to 6	114	338	333	205	432	156	145	5	145	5	47	126	98
7 to 12	247	—	192	25	84	125	—	—	72	—	381	25	116
13 or more	1 596	—	81	—	176	120	—	—	7	—	19	—	—
PASSENGER ELEVATOR													
Year-round housing units													
Structures with 4 or more stories	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
With elevator	1 957	—	611	358	465	677	156	—	224	5	428	170	214
Without elevator	1 904	—	301	358	465	538	7	—	180	—	409	164	123
UNITS IN STRUCTURE													
Year-round housing units													
1, detached	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
1, detached	5 243	2 606	8 438	2 756	8 449	8 587	3 676	1 889	7 810	3 313	2 229	3 699	7 120
1, attached	113	444	113	446	257	282	73	361	309	352	164	37	69
2	312	86	486	163	292	179	37	157	301	188	306	112	351
3	1 421	1 042	201	195	475	280	330	649	1 333	263	179	515	515
4	698	298	678	320	444	756	756	756	768	1 026	480	248	313
5 to 9	887	210	1 529	96	499	869	791	39	257	404	572	672	1 009
10 to 49	214	32	732	680	701	665	34	—	218	—	448	114	533
50 or more	26	—	24	—	—	—	—	—	13	—	—	—	—
Mobile home or trailer, etc.													
Owner-occupied housing units													
1, detached	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1, detached	4 319	876	6 219	2 166	6 682	4 657	3 307	—	6 677	—	2 062	1 546	2 955
2	317	72	179	32	188	175	95	—	720	—	67	115	—
3	179	32	45	108	82	65	24	—	90	—	83	38	178
3 and 4	244	96	71	95	155	152	261	—	96	—	48	56	39
5 or more	956	280	180	227	425	635	1 053	—	722	—	81	193	112
5 or more	—	—	—	—	—	—	—	—	8	—	—	—	—
Mobile home or trailer, etc.													
Renter-occupied housing units													
1, detached	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1, detached	119	641	1 976	544	601	1 140	335	348	1 041	266	1 172	612	718
1, attached	110	103	103	306	171	171	361	529	352	116	30	82	—
2	118	50	387	155	167	104	13	157	205	178	223	67	159
3 and 4	163	113	124	100	212	105	99	641	402	297	200	97	454
5 to 9	405	84	145	13	247	135	137	308	204	918	415	197	749
10 to 49	581	158	1 295	50	488	526	325	39	113	404	516	475	906
50 or more	1 531	—	557	413	350	406	16	—	127	—	383	47	469
50 or more	26	—	16	—	—	—	—	—	5	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT													
Specified renter-occupied housing units													
1	3 709	970	4 586	1 189	3 095	2 495	1 039	1 753	2 539	3 344	2 963	1 525	3 439
1, mobile home or trailer, etc.	1 001	657	2 080	558	1 631	1 219	489	608	1 488	547	1 246	642	702
Median gross rent	\$467	\$339	\$222	\$376	\$477	\$417	\$500+	\$270	\$464	\$340	\$333	\$331	\$337
Median gross rent	312	2 508	634	276	1 650	1 146	550	1 146	1 577	918	1 274	860	1 068
Median gross rent	\$367	\$339	\$222	\$376	\$477	\$417	\$500+	\$270	\$464	\$340	\$333	\$331	\$337

Table 87. Equipment and Plumbing Facilities for Places of 10,000 to 50,000: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.]

Places	Aiea (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kahului (CDP)	Kailua, Honolulu County	Kaneohe (CDP)	Mililani Town (CDP)	Makapuu (CDP)	Pearl City (CDP)	Schofield Barracks (CDP)	Wahiawa (CDP)	Wailuku (CDP)	Waipahu (CDP)
Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
Complete kitchen facilities	10 035	3 423	11 334	3 897	10 948	8 398	6 372	1 848	11 283	3 553	5 403	3 597	7 055
BATHROOMS													
No bathroom or only a half bath	153	60	386	86	74	61	35	13	38	32	198	282	180
1 complete bathroom	3 418	1 749	4 540	1 714	3 016	2 487	1 044	374	1 871	1 142	3 995	1 807	3 249
2 complete bathrooms plus half bath(s)	2 158	986	2 334	1 380	1 882	1 482	840	485	3 490	1 714	966	774	1 153
2 or more complete bathrooms	4 426	661	4 403	1 108	6 796	3 893	4 044	1 075	5 963	695	987	746	1 939
SOURCE OF WATER													
Public system or private company	10 140	3 456	11 730	3 988	11 109	8 523	6 407	1 876	11 351	3 579	5 543	3 611	7 106
Individual drilled well	12	—	—	—	8	—	—	—	11	—	—	—	—
Septic tank or cesspool	147	7 365	1 360	—	408	12	—	81	18	122	136	45	—
Some other source	3	—	26	—	—	—	—	13	—	4	3	—	10
SEWAGE DISPOSAL													
Public sewer	9 982	1 006	4 376	3 988	10 453	8 096	6 395	1 876	11 272	3 537	5 398	3 414	6 998
Central system	147	2 422	7 365	—	644	—	—	—	81	18	122	136	45
Other means	26	28	22	—	—	19	—	13	9	28	26	61	77
AIR CONDITIONING													
None	7 681	3 068	11 385	3 807	9 696	7 756	6 045	1 104	9 222	2 908	5 354	3 458	6 376
Central system	7 378	40	340	24	40	7	7	7	12	16	24	7	24
1 or more individual room units	2 246	381	1 345	157	1 381	760	351	115	2 055	187	180	147	720
HEATING EQUIPMENT													
Year-round housing units	10 155	3 456	11 763	3 988	11 117	8 523	6 407	1 889	11 362	3 583	5 546	3 611	7 120
Steam or hot water system	639	264	45	165	394	580	371	—	75	906	343	73	695
Central warm-air furnace	17	13	—	6	8	11	—	84	—	60	11	—	—
Electric heat pump	79	71	31	97	57	68	25	—	182	11	91	—	207
Other built-in electric units	208	63	655	60	46	127	92	—	185	1 673	55	43	126
Floor, wall, or pipeless furnace	—	—	—	11	—	—	—	—	—	—	—	—	—
Room heaters with flue	—	6	19	—	—	9	7	—	—	—	13	—	—
Room heaters without flue	15	24	15	—	24	9	—	—	—	4	52	—	5
Fireplaces, stoves, or portable room heaters	166	40	344	—	163	160	91	—	92	194	369	45	66
None	9 039	2 976	10 645	3 649	10 449	7 573	5 804	1 774	9 988	1 490	4 664	3 450	5 993
Owner-occupied housing units	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
Steam or hot water system	443	188	26	79	266	407	326	—	710	—	146	46	371
Central warm-air furnace	—	—	—	—	—	—	—	—	—	—	—	—	—
Electric heat pump	44	37	31	82	32	32	15	—	—	—	24	—	63
Other built-in electric units	104	61	511	31	37	57	84	—	147	—	31	32	72
Floor, wall, or pipeless furnace	7	7	8	—	—	9	6	—	—	—	—	—	—
Room heaters with flue	—	—	11	—	—	—	—	—	—	—	—	—	—
Room heaters without flue	7	24	7	—	24	7	—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	132	25	306	—	142	121	79	—	89	—	264	45	47
None	5 285	2 037	5 679	2 428	7 065	5 055	4 705	—	7 456	—	1 866	1 737	2 838
Renter-occupied housing units	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
Steam or hot water system	182	76	19	71	128	173	45	—	56	75	181	27	319
Central warm-air furnace	17	—	—	—	—	—	—	—	—	60	—	—	—
Electric heat pump	35	34	—	15	25	36	10	—	17	11	67	—	144
Other built-in electric units	104	2	126	29	19	55	8	—	44	1 612	24	11	54
Floor, wall, or pipeless furnace	—	—	—	—	—	—	—	—	—	—	—	—	—
Room heaters with flue	—	6	—	—	—	6	—	—	—	—	13	—	—
Room heaters without flue	8	—	—	—	—	—	—	—	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	34	15	27	—	16	37	12	—	3	189	105	—	19
None	3 461	848	4 431	1 080	2 942	2 226	981	1 739	2 326	1 388	2 635	1 487	2 979
Occupied housing units	9 848	3 365	11 191	3 832	10 642	8 214	6 289	1 854	11 139	3 415	5 567	3 385	6 939
No telephone	200	129	583	191	162	158	61	56	97	112	433	273	533
VEHICLES AVAILABLE													
Total													
None	406	130	1 097	366	343	224	81	42	269	88	689	264	641
1	3 475	1 104	3 492	881	3 302	2 402	1 926	1 323	2 803	2 526	2 132	1 243	2 523
2	3 732	1 391	3 898	1 341	4 407	3 297	3 241	401	5 195	673	1 530	1 141	2 140
3 or more	2 235	740	2 204	1 244	2 610	2 291	1 041	88	2 872	128	1 016	737	1 635
Automobiles													
None	456	167	1 291	388	450	307	99	81	343	147	763	335	709
1	3 614	1 435	4 890	1 118	3 865	2 928	2 293	1 374	3 483	2 582	2 427	1 519	2 921
2	3 828	1 343	3 545	1 508	3 175	2 323	2 381	585	4 045	1 485	1 114	2 055	3 140
3 or more	1 955	420	1 465	818	1 752	1 588	665	18	1 928	46	689	417	1 254
Trucks or vans													
None	8 375	2 486	8 096	2 756	8 542	6 330	5 382	1 660	8 980	3 159	4 447	2 481	5 683
1	1 326	839	3 270	990	1 958	1 736	870	177	2 047	256	859	828	1 157
2	141	40	270	39	149	127	37	17	94	—	38	54	99
3 or more	6	—	55	27	13	21	—	—	18	—	23	22	—
YEAR HOUSEHOLDER MOVED INTO UNIT													
Owner-occupied housing units	6 015	2 376	6 588	2 627	7 532	5 681	5 233	—	8 513	—	2 342	1 860	3 402
1979 to March 1980	738	311	551	58	902	594	1 377	—	1 279	—	116	194	212
1975 to 1979	1 075	464	1 503	364	1 871	1 049	2 457	—	307	—	307	575	600
1970 to 1974	2 615	1 013	3 313	521	1 642	823	1 175	—	2 927	—	268	284	552
1960 to 1969	1 284	371	1 365	1 095	1 784	2 277	224	—	1 466	—	703	338	1 565
1950 to 1959	135	1 041	135	565	1 020	839	288	681	1 047	1 625	817	1 040	1 040
1949 or earlier	181	19	875	24	313	99	—	—	17	—	325	399	18
Renter-occupied housing units	3 833	989	4 603	1 205	3 130	2 533	1 056	1 854	2 626	3 415	3 025	1 525	3 537
1979 to March 1980	919	536	2 076	610	1 520	1 120	714	949	1 719	1 775	1 575	545	1 952
1975 to 1979	339	1 500	377	1 000	839	288	681	1 047	1 625	817	1 040	1 040	1 040
1970 to 1974	382	80	453	131	353	298	48	19	247	5	268	187	272
1960 to 1969	106	34	360	87	202	244	6	5	125	10	160	98	150
1950 or earlier	58	—	214	—	55	33	—	—	33	—	145	95	103
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER													
Occupied housing units	936	184	2 057	926	1 213	792	193	—	564	—	831	767	831
Owner-occupied housing units	756	152	1 582	583	990	645	152	—	389	—	609	600	600
Lacking complete plumbing for exclusive use	—	1	73	—	7	—	—	—	—	—	49	38	18
No complete kitchen facilities	18	—	106	17	11	15	6	—	—	—	17	30	11
No vehicle available	119	584	21	384	296	134	20	—	162	—	139	103	113
No telephone	8	15	157	39	15	—	—	—	14	—	38	35	68
Lacking central heating system	791	169	1 960	881	1 152	703	175	—	488	—	729	742	659
Lacking air conditioning	791	169	2 014	896	1 110	731	147	—	496	—	807	734	783

Table 88. Fuels and Financial Characteristics for Places of 10,000 to 50,000: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

Places

	Area (CDP)	Ewa Beach (CDP)	Hilo (CDP)	Kohala (CDP)	Kailua (CDP), Honolulu County	Kaneohe (CDP)	Mililani (CDP)	Makapuu (CDP)	Pearl City (CDP)	Schofield Barracks (CDP)	Waipahu (CDP)	Wahiula (CDP)	Wahiula (CDP)
Occupied housing units	9 848	3 365	11 191	3 832	10 662	8 214	6 289	1 854	11 139	3 415	5 367	3 385	6 939
HOUSE HEATING FUEL													
Utility gas	460	204	25	52	269	464	377	27	577	155	39	18	401
Bottled, tank, or LP gas	177	83	43	109	40	72	—	329	8	329	76	55	315
Electricity	184	420	8	793	155	294	207	88	1 712	434	394	66	406
Fuel oil, kerosene, etc	—	6	23	—	—	—	—	—	18	—	271	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—	—	—
Wood	45	3	197	—	106	64	18	—	17	134	163	22	—
Other fuel	—	—	—	—	65	59	—	—	—	—	—	—	—
No fuel used	8 746	2 885	10 110	3 508	10 007	7 261	5 686	1 739	9 762	1 388	4 501	3 224	5 817
WATER HEATING FUEL													
Utility gas	1 094	61	2 309	277	1 386	601	81	84	218	578	322	72	382
Bottled, tank, or LP gas	522	83	1 461	393	315	388	79	19	108	37	228	696	242
Electricity	8 166	3 171	6 811	3 034	8 777	7 160	6 032	1 751	10 651	2 794	4 740	2 451	6 264
Fuel oil, kerosene, etc	10	8	101	5	—	—	—	—	—	—	—	—	—
Other	38	36	288	123	184	51	97	—	151	—	14	92	20
No fuel used	18	6	21	—	—	—	—	—	11	6	33	67	11
COOKING FUEL													
Utility gas	706	39	1 994	147	1 199	503	90	6	145	542	233	86	352
Bottled, tank, or LP gas	164	112	1 579	358	302	333	52	—	126	28	304	519	237
Electricity	8 937	3 214	7 441	3 288	9 137	7 297	6 138	1 827	10 850	2 825	4 749	2 677	6 338
Other	—	—	17	—	5	8	—	—	—	—	8	38	4
No fuel used	41	—	160	39	19	53	4	21	18	23	73	72	13
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units													
With a mortgage	4 308	1 856	6 053	2 168	6 489	4 520	3 361	—	6 740	—	2 040	1 545	2 934
Less than \$50	3 417	1 736	3 720	1 359	5 523	3 643	3 301	—	6 234	—	1 239	740	2 634
\$50 to \$59	20	24	39	11	—	—	—	—	6	—	11	6	—
\$60 to \$69	16	7	46	24	—	—	—	—	45	—	17	27	29
\$70 to \$79	133	97	161	190	94	137	—	—	212	—	39	63	113
\$80 to \$89	300	158	259	266	399	24	—	—	465	—	137	101	258
\$90 to \$99	335	158	432	232	457	633	39	—	595	—	131	51	355
\$100 to \$109	238	137	436	142	345	286	60	—	401	—	75	81	263
\$110 to \$119	229	213	436	138	297	245	177	—	630	—	120	75	207
\$120 to \$129	260	102	400	152	382	257	238	—	439	—	146	61	212
\$130 to \$139	264	130	393	84	497	197	298	—	457	—	94	54	204
\$140 to \$149	500	511	234	285	456	563	438	—	536	—	156	88	387
\$150 to \$159	460	427	252	396	57	982	429	—	1 136	—	155	62	337
\$160 to \$169	682	175	211	45	1 411	555	1 084	—	869	—	191	21	263
\$170 to \$179	540	446	546	530	558	544	545	—	545	—	545	377	545
\$180 to \$189	891	120	2 333	809	966	877	60	—	506	—	801	805	300
\$190 to \$199	16	8	56	17	—	14	—	—	17	—	16	33	11
\$200 to \$209	350	17	390	166	119	65	—	—	47	—	82	273	56
\$210 to \$219	575	99	285	196	157	165	20	—	115	—	248	278	86
\$220 to \$229	620	36	942	246	407	394	20	—	210	—	366	219	111
\$230 to \$239	149	20	228	61	170	209	20	—	100	—	111	85	36
\$240 to \$249	12	—	49	34	74	24	—	—	13	—	7	—	—
\$250 to \$259	12	—	49	34	74	24	—	—	13	—	7	—	—
Median	\$117	\$99	\$105	\$94	\$122	\$124	\$113	—	\$115	—	\$109	\$88	\$99
GROSS RENT													
Specified renter-occupied housing units													
Less than \$50	3 799	970	4 588	1 189	3 095	2 495	1 039	1 753	2 539	3 364	2 983	1 525	3 439
\$50 to \$59	1	—	107	58	—	—	—	—	8	—	6	15	9
\$60 to \$69	19	3	136	59	6	12	7	—	34	—	39	13	43
\$70 to \$79	5	17	24	45	—	—	—	—	7	—	23	15	42
\$80 to \$89	35	—	167	50	—	—	—	—	20	—	42	22	28
\$90 to \$99	74	13	175	33	5	19	—	—	19	—	69	39	46
\$100 to \$109	150	17	464	45	27	—	—	—	39	—	80	7	—
\$110 to \$119	127	17	340	38	60	38	4	132	50	125	208	114	187
\$120 to \$129	206	82	734	15	182	200	65	597	226	583	626	184	292
\$130 to \$139	820	108	1 031	245	260	20	196	70	249	295	249	209	378
\$140 to \$149	330	144	595	100	341	312	71	123	137	180	492	155	561
\$150 to \$159	626	182	324	147	478	421	66	48	174	99	310	128	548
\$160 to \$169	500	250	909	279	545	553	1 056	70	2 616	—	327	207	525
\$170 to \$179	931	127	268	164	1 009	996	522	23	666	32	67	125	147
\$180 to \$189	249	21	261	103	182	95	9	550	481	1 909	162	160	108
\$190 to \$199	540	\$273	\$260	\$366	\$418	\$388	\$500+	\$239	\$429	\$348	\$282	\$286	\$346
HOUSEHOLD INCOME IN 1979													
Occupied housing units													
\$25 or less	9 848	3 365	11 191	3 832	10 662	8 214	6 289	1 854	11 139	3 415	5 367	3 385	6 939
Median income	\$25	\$20	\$18	\$22	\$27	\$26	\$27	\$26	\$29	\$25	\$11	\$17	\$21
Owner-occupied housing units	6 015	2 376	6 588	2 627	7 532	5 681	5 283	—	6 513	—	2 342	860	3 439
Median income	\$31 975	\$23 186	\$24 592	\$26 958	\$33 222	\$37 185	\$29 822	—	\$32 490	—	\$28 997	\$23 727	\$32 304
Renter-occupied housing units	3 833	889	4 603	1 205	3 130	2 533	1 056	1 854	4 626	3 415	3 025	1 525	3 500
Median income	\$16 480	\$15 679	\$10 211	\$10 446	\$16 245	\$17 475	\$16 840	\$13 869	\$17 042	\$11 473	\$10 915	\$13 447	\$11 754
INCOME IN 1979 BELOW POVERTY LEVEL													
Owner-occupied housing units													
Percent below poverty level	1.9	170	320	120	332	136	7.8	—	142	—	8.0	3.8	106
Complete plumbing for exclusive use	114	7.2	4.9	4.6	4.4	2.4	1.5	—	1.42	—	3.4	2.0	31
1.01 or more persons per room	170	114	320	120	332	136	7.8	—	1.42	—	7	38	106
Lacking complete plumbing for exclusive use	14	66	25	37	16	10	29	—	—	—	5	6	27
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units													
Percent below poverty level	548	144	1 319	348	455	301	130	97	277	305	609	266	940
Complete plumbing for exclusive use	14.3	14.6	26.7	28.9	14.5	11.9	12.3	5.2	10.5	8.9	20.1	17.4	26.4
1.01 or more persons per room	541	144	1 187	348	450	310	130	97	266	299	578	238	898
Lacking complete plumbing for exclusive use	199	54	171	75	63	101	17	7	38	16	31	28	112
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

(Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B.)

Places [1,000 or More of the Specified Race or Spanish Origin Group]	Alsea (CDP)			Ewa Beach (CDP)			Hilo (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 492	697
YEAR STRUCTURE BUILT									
1979 to March 1980	11	44	—	—	17	—	91	289	30
1975 to 1978	786	387	107	34	16	—	6	229	140
1970 to 1974	1 288	1 281	186	283	935	160	988	1 042	179
1960 to 1969	1 046	1 881	173	485	509	130	662	1 443	121
1950 to 1959	632	1 316	90	293	294	83	277	1 179	88
1940 to 1939	146	185	16	63	110	19	393	854	87
1939 or earlier	39	314	7	48	53	16	547	1 275	129
BEDROOMS									
None	46	93	16	6	26	—	211	251	50
1	621	777	158	46	274	61	389	503	113
2	1 129	961	198	298	453	96	798	1 513	181
3	1 562	2 433	199	717	868	220	1 454	4 327	294
4	521	856	49	141	257	39	461	891	54
5 or more	69	288	18	18	56	—	124	207	5
UNITS IN STRUCTURE									
1 detached	1 630	3 443	196	965	1 423	335	2 025	6 025	382
1 attached	217	199	23	16	91	8	74	102	3
2	89	204	60	37	45	22	116	291	65
3 and 4	186	190	11	30	66	13	67	128	29
5 to 9	263	380	58	81	176	28	45	103	21
10 to 49	338	375	101	97	97	10	506	806	144
50 or more	1 216	606	10	119	36	—	376	229	53
Mobile home or trailer, etc.	9	17	11	—	—	—	—	8	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing units	2 078	1 403	292	454	442	124	1 730	2 866	474
1 mobile home or trailer, etc.	521	28	28	28	217	73	2 577	404	—
2 Median gross rent	\$500+	\$409	\$370	\$396	\$360	\$371	\$385	\$377	\$330
3 2 or more	1 557	964	264	160	125	32	997	1 290	290
4 Median gross rent	\$438	\$317	\$349	\$340	\$318	\$295	\$245	\$214	\$217
BATHROOMS									
No bathroom or only a half bath ..	54	58	—	10	50	5	112	204	25
1 complete bathroom	1 218	1 756	288	655	954	232	1 413	2 707	404
1 complete bathroom plus half bath(s) ..	651	1 402	79	349	546	97	414	1 764	82
2 or more complete bathrooms	2 025	2 192	212	212	384	82	1 298	3 147	188
SOURCE OF WATER									
Public system or private company ..	3 948	5 393	576	1 226	1 934	416	3 218	7 478	697
Individual drilled well	—	12	—	—	—	—	—	7	—
Some other source	—	3	3	—	—	—	19	7	—
HEATING EQUIPMENT									
Steam or hot water system	80	504	55	61	186	44	4	41	—
Central warm-air furnace	13	5	—	5	8	—	—	8	—
Electric heat pump	12	47	10	19	52	—	13	18	—
Other built-in electric units	32	165	35	—	55	8	201	436	19
Floor, wall, or pipeless furnace ..	—	7	—	—	8	8	—	—	—
Room heaters with flue	—	—	—	—	—	—	—	11	—
Room heaters without flue	—	—	—	—	8	—	—	6	—
Fireplaces, stoves, or portable room heaters ..	63	103	—	11	29	8	121	212	8
None	3 748	4 568	479	1 123	1 588	348	2 892	6 956	670
SELECTED CHARACTERISTICS									
No telephone	83	78	34	37	79	16	212	337	67
No complete kitchen facilities	57	63	—	19	10	—	155	182	43
Lacking air conditioning	2 779	4 251	441	1 030	1 782	368	3 106	7 487	672
Lacking public sewer	80	93	11	628	1 428	307	1 704	5 556	289
No vehicle available	127	229	44	54	70	—	359	679	98
YEAR HOUSEHOLDER MOVED INTO UNIT									
Owner-occupied housing units	1 848	3 993	287	761	1 484	292	1 507	5 011	223
1979 to March 1980	356	334	42	136	216	41	249	302	35
1975 to 1978	29	584	58	281	584	52	398	785	183
1970 to 1974	383	854	127	248	683	148	292	994	56
1960 to 1959	331	1 259	39	146	213	37	220	1 078	40
1950 to 1949	134	134	21	76	14	—	151	890	—
1949 or earlier	15	166	—	15	4	—	197	678	17
Renter-occupied housing units	2 100	1 415	292	465	450	124	1 730	2 481	474
1979 to March 1980	1 300	442	147	273	232	56	937	1 049	211
1975 to 1978	618	597	147	156	147	44	563	682	183
1970 to 1974	99	257	41	21	52	21	132	291	38
1960 to 1959	14	70	8	15	19	3	72	271	10
1959 or earlier	9	49	9	—	—	—	26	188	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units	204	707	63	73	99	27	495	1 533	53
Owner-occupied housing units	173	566	21	59	81	27	319	1 077	13
Lacking complete plumbing for exclusive use ..	—	—	—	—	—	—	—	7	—
No complete kitchen facilities	—	18	—	—	—	—	—	39	6
No vehicle available	30	89	6	11	10	—	133	446	20
No telephone	—	—	—	—	—	—	—	41	6
Lacking central heating system	192	574	49	73	84	27	467	1 464	53
Lacking air conditioning	165	612	52	68	86	27	474	1 511	53

¹Persons of Spanish origin may be of any race.

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Kahului (CDP)			Kaliu (CDP), Honolulu County			Kaneohe (CDP)			Millani Town (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	795	2 944	6 896	3 415	393	2 923	5 047	398	2 430	3 355	356	
YEAR STRUCTURE BUILT												
1976 to March 1980	85	126	154	87	—	123	70	4	188	323	17	
1975 to 1976	78	308	428	133	29	555	363	42	873	1 265	121	
1970 to 1974	202	610	664	544	35	449	524	28	1 347	1 439	193	
1960 to 1969	252	2 353	2 981	981	144	863	2 428	174	2 116	3 14	25	
1950 to 1959	132	583	2 310	1 084	139	620	1 255	88	6	8	—	
1940 to 1939	27	63	724	472	42	192	308	43	—	—	—	
1939 or earlier	19	39	263	114	4	75	99	19	—	—	—	
BEDROOMS												
None	50	120	165	42	11	45	49	21	7	12	6	
1	148	374	417	224	65	216	411	51	35	101	10	
2	185	403	1 395	644	97	881	738	138	824	790	128	
3	343	616	3 090	1 717	141	1 438	2 965	122	1 089	1 601	157	
4	46	329	1 051	423	52	735	513	66	399	781	55	
5 or more	3	102	328	116	27	30	148	—	82	70	—	
UNITS IN STRUCTURE												
1, detached	451	2 201	5 208	2 873	233	1 631	4 014	220	1 198	2 326	183	
1, attached	8	53	192	53	24	178	94	20	463	273	34	
2	3	147	179	70	4	64	93	20	37	7	—	
3 and 4	52	133	230	112	18	73	169	22	157	158	17	
5 to 9	6	32	233	142	26	250	45	7	404	281	16	
10 to 49	22	49	347	88	11	376	58	39	399	781	55	
50 or more	259	312	505	94	—	340	274	53	29	5	—	
Mobile home or trailer, etc.	—	—	—	—	—	11	—	—	—	—	—	
UNITS IN STRUCTURE BY GROSS RENT												
Specified renter-occupied housing units	419	736	2 214	706	216	1 161	1 176	230	650	230	94	
1, mobile home or trailer, etc.	163	377	1 158	424	95	552	586	106	362	85	21	
2, median gross rent	\$383	\$374	\$500+	\$387	\$424	\$440	\$374	\$385	\$500+	\$500+	\$500+	
2 or more	\$397	\$377	\$384	\$354	\$352	\$416	\$326	\$355	\$465	\$343	\$289	
BATHROOMS												
No bathroom or only a half bath	17	65	51	12	12	27	14	23	7	28	6	
1 complete bathroom	404	1 177	1 723	1 016	198	931	1 512	190	444	458	113	
No complete bathroom plus half bath(s) ..	216	790	665	303	162	477	1 322	34	381	381	—	
2 or more complete bathrooms	158	912	4 457	1 884	168	1 486	2 189	131	1 798	2 488	204	
SOURCE OF WATER												
Public system or private company	795	2 944	6 896	3 415	393	2 923	5 047	398	2 430	3 355	356	
Individual drilled well	—	—	—	—	—	—	—	—	—	—	—	
Individual dug well	—	—	—	—	—	—	—	—	—	—	—	
Some other source	—	—	—	—	—	—	—	—	—	—	—	
HEATING EQUIPMENT												
Steam or hot water system	37	105	209	159	33	94	486	45	59	293	39	
Central warm-air furnace	—	—	—	—	—	—	—	—	—	—	—	
Electric heat pump	7	90	21	36	—	8	54	8	6	19	6	
Other built-in electric units	14	46	19	27	12	32	80	4	6	86	—	
Floor, wall, or pipeless furnace	—	11	—	—	—	—	9	9	—	6	—	
Room heaters with fuel	—	—	—	—	—	—	6	—	—	7	—	
Room heaters without fuel	—	—	—	—	—	—	—	—	—	—	—	
Fireplaces, stoves, or portable room heaters ..	—	—	124	34	—	71	76	7	25	53	6	
None	731	2 692	6 523	3 159	348	2 718	4 336	325	2 534	2 880	305	
SELECTED CHARACTERISTICS												
No telephone	71	98	125	30	—	61	76	4	22	26	5	
No complete kitchen facilities	57	117	71	45	—	117	45	15	15	14	—	
Lacking air conditioning	767	2 824	5 965	2 943	374	2 760	4 459	379	2 541	3 107	321	
Lacking public sewer	—	—	927	80	—	179	209	29	—	12	—	
No vehicle available	134	232	216	109	14	64	154	10	41	26	14	
YEAR HOUSEHOLDER MOVED INTO UNIT												
Owner-occupied housing units	365	2 203	4 632	2 704	172	1 753	3 854	154	1 963	3 125	262	
1979 to March 1980	27	51	577	225	118	665	387	9	114	477	114	
1975 to 1976	50	314	1 264	528	33	503	521	26	900	1 485	190	
1970 to 1974	69	445	873	720	36	256	547	46	270	873	99	
1960 to 1959	930	930	1 093	460	1	833	66	66	57	162	11	
1950 to 1949	84	471	554	449	33	213	596	16	—	—	—	
1949 or earlier	12	12	2 941	1 122	6	18	81	—	—	—	—	
Renter-occupied housing units	430	741	2 264	1 711	221	1 170	1 193	244	667	230	94	
1979 to March 1980	258	335	1 183	518	118	665	387	9	114	477	114	
1975 to 1976	115	253	683	260	82	327	417	125	158	94	49	
1970 to 1974	31	92	231	122	16	132	166	9	32	16	—	
1960 to 1959	61	112	61	90	5	48	112	14	190	14	—	
1959 or earlier	—	—	35	20	—	—	33	—	—	—	—	
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	188	705	876	308	33	293	489	14	65	122	6	
Owner-occupied housing units	470	470	470	470	33	226	19	398	52	105	32	
Lacking complete plumbing for exclusive use ..	—	—	—	—	7	—	—	—	—	—	—	
No complete kitchen facilities	80	216	93	41	—	23	6	—	13	6	—	
No vehicle available	18	21	15	—	—	—	—	—	—	—	—	
No telephone	18	21	15	—	—	—	—	—	—	—	—	
Lacking central heating system	188	660	827	296	33	264	429	10	65	104	6	
Lacking air conditioning	188	675	801	280	33	287	434	14	57	90	—	

¹Persons of Spanish origin may be of any race.

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Mapuku (CDP)			Pearl City (CDP)			Schofield Barracks (CDP)			
	Race			Race			Race			
	White	Black	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
YEAR STRUCTURE BUILT										
1979 to March 1980	—	13	—	145	587	39	—	4	—	8
1975 to 1978	246	—	253	330	47	34	159	—	9	12
1970 to 1974	316	44	42	597	2 200	171	298	70	23	43
1960 to 1969	411	20	36	1 024	3 136	275	442	93	32	131
1950 to 1959	366	34	34	436	1 303	134	762	148	52	23
1940 to 1949	175	16	—	88	26	299	71	44	43	10
1939 or earlier	—	—	—	39	36	—	278	29	—	—
BEDROOMS										
None	—	—	—	—	42	7	6	3	—	—
1	11	—	—	97	715	89	10	28	—	12
2	355	38	50	446	1 220	158	781	235	90	155
3	800	89	80	1 661	4 626	300	1 040	189	70	117
4	343	42	22	518	1 372	110	484	113	33	54
5 or more	5	—	—	29	305	28	102	6	—	—
UNITS IN STRUCTURE										
1, detached	333	—	6	1 281	6 289	391	258	8	—	—
1, attached	329	26	18	498	681	97	247	88	10	16
2	94	47	114	179	179	17	131	22	15	19
3 and 4	403	56	94	339	305	38	879	79	168	79
5 to 9	249	27	34	214	496	92	672	129	70	77
10 to 49	26	13	—	53	179	40	236	89	28	58
50 or more	—	—	—	46	138	17	—	—	—	—
Mobile home or trailer, etc.	—	—	—	—	13	—	—	—	—	—
UNITS IN STRUCTURE BY GROSS RENT										
Specified renter-occupied housing units	1 439	152	152	1 921	1 043	251	2 374	558	196	332
1, mobile home or trailer, etc.	587	24	—	789	456	136	—	—	—	—
Median gross rent	\$276	—	\$225	\$451	\$484	\$453	\$311	\$245	\$225	\$275
2 or more	852	143	128	532	457	101	1 918	478	192	322
Median gross rent	\$251	\$227	\$222	\$398	\$522	\$391	\$242	\$224	\$250	\$225
BATHROOMS										
No bathroom or only a half bath ..	7	—	6	9	29	—	19	—	—	13
1 complete bathroom	317	30	40	415	1 307	169	731	244	56	112
1 complete bathroom plus half bath(s) ..	365	44	51	933	2 384	241	1 207	225	96	149
2 or more complete bathrooms	625	95	55	1 188	4 560	282	466	105	50	64
SOURCE OF WATER										
Public system or private company ..	1 509	169	152	2 545	8 269	692	2 419	574	202	338
Individual drilled well	—	—	—	—	—	—	—	—	—	—
Individual dug well	—	—	—	—	—	—	—	—	—	—
Some other source	5	—	—	—	—	—	4	—	—	—
HEATING EQUIPMENT										
Steam or hot water system	5	—	7	85	814	73	28	15	18	20
Central warm-air furnace	77	—	7	—	—	—	27	3	—	4
Electric heat pump	—	—	—	42	124	28	—	11	—	—
Other built-in electric units	5	—	6	10	170	13	1 185	266	84	145
Floor, wall, or pipeless furnace	—	—	—	—	—	—	6	22	—	—
Room heaters with flue	—	—	—	—	—	—	—	—	—	—
Room heaters without flue	—	—	—	—	—	—	49	3	—	7
Fireplaces, stoves, or portable room heaters ..	—	—	—	21	71	—	175	4	6	—
None	1 427	169	132	2 387	7 101	578	953	225	89	154
SELECTED CHARACTERISTICS										
No telephone	37	13	13	30	60	14	61	34	9	19
No complete kitchen facilities	5	—	—	7	—	4	—	—	—	—
Lacking air conditioning	897	103	66	2 007	6 729	539	1 950	452	160	280
Lacking public sewer	5	—	—	16	72	4	14	—	5	8
No vehicle available	28	14	11	84	173	24	63	23	3	—
YEAR HOUSEHOLDER MOVED INTO UNIT										
Owner-occupied housing units	—	—	—	1 192	7 187	437	—	—	—	—
1979 to March 1980	—	—	—	260	980	61	—	—	—	—
1975 to 1978	—	—	—	360	1 629	149	—	—	—	—
1970 to 1974	—	—	—	183	1 718	74	—	—	—	—
1960 to 1969	—	—	—	349	2 098	126	—	—	—	—
1950 to 1959	—	—	—	745	40	27	—	—	—	—
1949 or earlier	—	—	—	—	17	—	—	—	—	—
Renter-occupied housing units	1 514	169	152	1 353	1 093	255	2 423	574	202	338
1979 to March 1980	785	100	56	664	438	118	1 253	309	94	207
1975 to 1978	724	85	69	531	433	92	1 165	265	108	121
1970 to 1974	—	—	—	93	134	24	—	—	—	—
1960 to 1969	5	—	—	49	71	12	—	—	—	10
1959 or earlier	—	—	—	16	17	9	—	—	—	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER										
Occupied housing units	—	—	—	126	427	32	—	—	—	—
Owner-occupied housing units	—	—	—	71	318	22	—	—	—	—
Lacking complete plumbing for exclusive use ..	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—
No vehicle available	—	—	—	52	110	10	—	—	—	—
No telephone	—	—	—	14	7	—	—	—	—	—
Lacking central heating system	—	—	—	109	368	16	—	—	—	—
Lacking air conditioning	—	—	—	109	376	26	—	—	—	—

¹Persons of Spanish origin may be of any race.

Table 89. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Waikanae (CDP)			Waikuku (CDP)			Waipahu (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 529	3 290	536	928	2 391		1 321	5 127	706
YEAR STRUCTURE BUILT									
1979 to March 1980.....	5	27	8	42	131		6	94	9
1975 to 1978.....	108	82	42	123	278		126	377	20
1970 to 1974.....	204	147	54	202	238		246	875	140
1960 to 1969.....	453	917	119	197	568		629	2 746	418
1950 to 1959.....	359	1 138	152	107	323		199	735	84
1940 to 1949.....	210	540	86	106	261		18	336	29
1939 or earlier.....	190	459	75	261	593		17	164	15
BEDROOMS									
None.....	91	123	34	58	183		17	36	9
1.....	323	380	119	187	354		130	557	77
2.....	556	883	183	329	552		765	1 366	304
3.....	411	1 455	152	261	975		311	2 213	226
4.....	126	356	30	55	282		86	356	72
5 or more.....	22	132	18	38	45		12	304	18
UNITS IN STRUCTURE									
1, detached.....	785	2 337	289	525	1 593		359	3 202	330
1, attached.....	44	113	34	6	51		25	158	14
2.....	88	180	48	33	62		24	302	24
3 and 4.....	42	146	35	32	121		135	266	61
5 to 9.....	168	215	50	66	168		225	480	173
10 to 49.....	10	225	30	170	302		302	540	71
50 or more.....	232	74	33	42	72		21	174	33
Mobile home or trailer, etc.....	—	—	—	—	—		—	3	—
UNITS IN STRUCTURE BY GROSS RENT									
Specified renter-occupied housing									
1, mobile home or trailer, etc.....	1 134	1 337	425	528	958		1 039	2 026	294
Median gross rent.....	\$340	\$321	\$331	\$365	\$319		\$381	\$332	\$461
2 or more.....	\$261	\$236	\$209	\$287	\$263		\$358	\$379	\$310
BATHROOMS									
No bathroom or only a half bath.....	26	144	21	64	169		36	144	4
1 complete bathroom.....	1 112	1 626	379	523	1 103		848	1 988	353
1 complete bathroom plus half bath(s).....	202	715	46	155	402		251	1 304	147
2 or more complete bathrooms.....	189	785	46	186	517		1 460	1 691	202
SOURCE OF WATER									
Public system or private company.....	1 526	3 290	536	928	2 391		1 321	5 113	696
Individual drilled well.....	—	—	—	—	—		—	4	—
Individual dug well.....	—	—	—	—	—		—	10	—
Some other source.....	3	—	—	—	—		—	—	—
HEATING EQUIPMENT									
Steam or hot water system.....	45	249	51	15	58		74	584	74
Central warm-air furnace.....	—	—	—	—	—		—	—	—
Electric heat pump.....	10	65	22	—	—		18	184	15
Other built-in electric units.....	—	48	—	—	38		6	107	15
Floor, wall, or pipeless furnace.....	—	5	—	—	—		—	6	—
Room heaters with fuel.....	—	13	—	—	—		—	6	—
Room heaters without fuel.....	6	—	—	—	—		—	5	—
Fireplaces, stoves, or portable room heaters.....	127	231	34	17	28		5	61	5
None.....	1 341	2 679	429	891	2 267		1 211	4 174	597
SELECTED CHARACTERISTICS									
No telephone.....	130	186	46	93	170		115	313	74
No complete kitchen facilities.....	75	40	7	30	49		8	57	15
Lacking air conditioning.....	1 485	3 147	531	887	2 279		1 140	4 583	664
Lacking public sewer.....	59	68	40	35	157		9	102	6
No vehicle available.....	162	379	99	79	180		139	424	114
YEAR HOUSEHOLDER MOVED INTO UNIT									
1979 to March 1980.....	380	1 926	103	400	1 433		264	3 063	300
1975 to 1978.....	40	59	19	31	163		12	160	7
1970 to 1974.....	25	232	21	108	245		41	697	28
1960 to 1969.....	78	180	20	65	218		24	306	78
1950 to 1959.....	113	584	43	145	293		1 373	1 543	154
1949 or earlier.....	43	294	19	39	249		40	293	24
Renter-occupied housing units									
1979 to March 1980.....	1 149	1 368	438	528	958		1 057	2 088	406
1975 to 1978.....	650	577	206	198	321		695	978	224
1970 to 1974.....	355	404	129	221	372		260	683	119
1960 to 1969.....	73	171	24	75	106		74	198	55
1950 to 1959.....	113	311	33	3	95		28	123	8
1949 or earlier.....	33	101	31	31	64		—	103	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER									
Occupied housing units.....	141	678	53	158	591		74	727	74
Owner-occupied housing units.....	107	495	25	115	487		56	520	58
Lacking complete plumbing for exclusive use.....	3	46	—	—	38		—	18	—
No complete kitchen facilities.....	3	14	—	—	—		—	7	—
No vehicle available.....	19	162	21	26	77		5	88	30
No telephone.....	28	—	—	2	33		5	—	15
Lacking central heating system.....	126	591	41	155	566		66	670	99
Lacking air conditioning.....	141	654	53	145	571		71	682	74

¹Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Area (CDP)			Ewa Beach (CDP)			Hilo (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 692	697
HOUSE HEATING FUEL									
Utility gas	48	371	34	49	142	28	6	19	—
Bottled, tank, or LP gas	37	140	21	19	60	24	10	33	—
Electricity	84	315	45	32	144	16	248	545	27
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	23	—
Coal or coke	—	—	—	—	—	—	—	116	—
Wood	31	14	—	—	—	—	81	—	—
Other fuel	—	—	—	—	—	—	—	—	—
No fuel used	3 748	4 568	479	1 123	1 588	348	2 892	6 956	670
WATER HEATING FUEL									
Utility gas	732	287	31	43	18	—	739	1 465	219
Bottled, tank, or LP gas	267	242	19	24	52	10	413	1 204	135
Electricity	2 915	4 847	519	1 144	1 834	406	2 001	4 697	318
Fuel oil, kerosene, etc.	10	—	10	—	6	—	—	76	—
Other	6	32	—	15	16	—	51	237	18
No fuel used	18	—	—	—	6	—	8	13	—
COOKING FUEL									
Utility gas	362	269	26	21	18	—	590	1 315	200
Bottled, tank, or LP gas	47	117	21	42	60	10	348	1 204	106
Electricity	3 518	5 002	532	1 163	1 856	406	2 219	5 083	370
Other	—	—	—	—	—	—	—	—	—
No fuel used	21	20	—	—	—	—	80	73	21
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	1 176	3 043	181	644	1 109	243	1 316	4 649	190
With a mortgage	1 027	2 317	160	579	1 072	222	799	2 874	127
Less than \$100	6	14	—	12	12	6	15	24	—
\$100 to \$149	—	—	—	—	7	—	14	32	—
\$150 to \$199	26	107	—	44	53	7	25	136	—
\$200 to \$249	31	278	—	54	89	21	38	221	12
\$250 to \$299	263	263	—	119	119	27	376	376	3
\$300 to \$349	64	174	4	28	90	14	85	351	34
\$350 to \$399	59	162	25	74	139	20	80	336	22
\$400 to \$449	189	311	30	64	201	14	219	644	14
\$450 to \$499	73	180	15	37	88	5	82	303	8
\$500 to \$599	167	324	44	109	146	73	106	399	10
\$600 to \$699	158	255	50	152	158	24	114	282	12
\$700 or more	300	361	30	61	107	11	65	146	6
Median	\$571	\$440	\$516	\$460	\$421	\$470	\$436	\$394	\$369
Not mortgaged	149	725	21	65	37	21	515	1 795	63
Less than \$50	—	10	—	—	8	—	—	50	—
\$50 to \$74	—	62	—	17	—	—	69	321	19
\$75 to \$99	39	167	—	22	7	7	114	482	8
\$100 to \$149	15	342	13	13	15	22	6	497	36
\$150 to \$199	46	94	9	5	15	8	53	175	—
\$200 to \$249	18	38	5	—	—	—	22	50	—
\$250 or more	—	12	—	—	—	—	29	20	—
Median	\$138	\$115	\$160	\$84	\$119	\$140	\$114	\$102	\$107
GROSS RENT									
Specified renter-occupied housing units	2 078	1 403	292	454	442	134	1 730	2 666	474
Less than \$50	—	10	—	—	1	—	5	7	—
\$50 to \$59	—	—	—	—	—	—	—	85	6
\$60 to \$79	7	—	—	—	3	—	50	79	7
\$80 to \$99	—	17	6	—	5	5	24	65	10
\$100 to \$119	—	35	8	—	—	8	37	113	9
\$120 to \$149	—	—	—	—	5	—	10	116	30
\$150 to \$169	6	55	26	4	13	—	84	141	15
\$170 to \$199	40	71	15	12	5	5	123	208	59
\$200 to \$249	35	126	58	58	58	26	9	465	113
\$250 to \$299	57	145	41	15	67	21	178	419	11
\$300 to \$349	164	156	41	76	56	14	297	282	83
\$350 to \$399	209	329	106	380	106	28	57	190	38
\$400 to \$499	567	236	37	130	27	8	258	215	48
\$500 or more	671	203	51	57	—	30	150	108	10
No cash rent	84	10	10	151	21	4	203	58	6
Median	\$448	\$346	\$354	\$381	\$348	\$361	\$296	\$248	\$244
HOUSEHOLD INCOME IN 1979									
Occupied housing units	3 948	5 408	579	1 226	1 934	416	3 237	7 692	697
Median income	\$25 262	\$27 386	\$18 646	\$21 047	\$21 136	\$18 750	\$16 638	\$19 439	\$11 203
Owner-occupied housing units	1 845	3 993	287	761	1 484	292	1 507	5 031	223
Median income	\$32 680	\$31 858	\$29 427	\$24 753	\$22 968	\$21 000	\$25 143	\$24 476	\$23 594
Renter-occupied housing units	2 100	415	292	465	450	124	1 730	2 666	474
Median income	\$17 937	\$15 097	\$10 380	\$15 689	\$16 116	\$14 167	\$10 419	\$10 452	\$8 775
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	38	76	12	50	100	57	103	217	9
Percent below poverty level	2.1	1.9	4.2	4.6	4.7	19.5	4.8	4.3	4.0
Complete plumbing for exclusive use	38	76	12	50	100	57	103	217	9
1.01 or more persons per room	5	9	5	14	52	29	—	10	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	182	307	103	69	62	30	511	741	182
Percent below poverty level	6.7	21.7	35.3	14.8	13.8	24.2	29.5	27.4	38.4
Complete plumbing for exclusive use	162	300	103	69	62	30	488	649	149
1.01 or more persons per room	25	136	30	26	21	21	63	104	47
Lacking complete plumbing for exclusive use	—	7	—	—	—	—	23	92	13
1.01 or more persons per room	—	—	—	—	—	—	9	—	—

¹Persons of Spanish origin may be of any race

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Places [1,000 or More of the Specified Racial or Spanish Origin Group]	Kahului (CDP)				Kula (CDP), Hanalei County				Kaneohe (CDP)				Millioni Town (CDP)			
	Race		Race		Spanish origin¹	Race		Spanish origin¹	Race		Spanish origin¹					
	White	Asian and Pacific Islander	White	Asian and Pacific Islander		White	Asian and Pacific Islander		White	Asian and Pacific Islander						
Occupied housing units	795	2 944	6 896	3 415	393	2 923	5 047	398	2 630	3 355	356					
HOUSE HEATING FUEL																
Utility gas	11	41	134	129	21	71	393	54	59	299	39					
Bottled, tank, or LP gas	75	23	17	17	75	77	—	—	—	—	—					
Electricity	27	136	69	86	12	80	201	19	26	162	12					
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—					
Coal or coke	—	—	—	—	—	—	—	—	—	—	—					
Wood	—	—	95	11	—	31	9	—	11	7	—					
Other fuel	—	—	52	13	—	23	36	—	24	73	—					
No fuel used	731	2 692	6 523	3 159	348	2 718	4 336	325	2 534	2 880	305					
WATER HEATING FUEL																
Utility gas	38	207	676	498	46	191	369	40	27	45	—					
Bottled, tank, or LP gas	117	269	5 187	2 114	24	33	215	33	14	43	—					
Electricity	634	2 354	2 787	316	316	2 543	4 427	319	2 565	3 194	340					
Fuel oil, kerosene, etc.	—	5	—	—	—	—	—	—	—	—	—					
Other	6	109	163	16	—	23	28	—	24	73	16					
No fuel used	—	—	—	—	—	8	8	6	—	—	—					
COOKING FUEL																
Utility gas	8	111	771	422	31	132	336	42	26	39	21					
Bottled, tank, or LP gas	67	291	5 949	1 330	—	146	204	14	10	25	—					
Electricity	712	2 511	2 854	355	355	2 615	4 476	342	2 590	3 291	335					
Other	—	—	5	—	—	—	8	—	—	—	—					
No fuel used	8	31	10	9	—	30	23	—	4	—	—					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																
Specified owner-occupied housing units	285	1 843	3 954	2 387	152	1 139	3 316	120	969	2 320	163					
With a mortgage	178	1 141	3 351	2 037	129	957	2 638	101	954	2 281	151					
Less than \$100	—	—	—	5	—	13	21	—	—	—	—					
\$100 to \$149	6	41	18	6	—	17	21	—	—	—	—					
\$150 to \$199	21	169	33	61	7	30	102	8	19	41	7					
\$200 to \$249	28	146	123	121	7	113	278	8	5	154	7					
\$250 to \$299	36	196	268	189	11	96	537	6	6	33	—					
\$300 to \$349	12	123	202	136	28	36	250	5	19	41	11					
\$350 to \$399	21	117	163	148	32	148	32	13	23	154	7					
\$400 to \$449	14	123	205	170	5	93	164	10	51	182	11					
\$450 to \$499	20	49	274	289	22	118	139	7	45	243	16					
\$500 to \$599	5	50	599	297	82	97	97	18	456	24	6					
\$600 to \$749	7	50	578	323	28	51	312	12	217	581	58					
\$750 or more	—	37	1 083	300	32	221	320	22	491	572	24					
Median	\$297	\$277	\$493	\$350	\$466	\$447	\$394	\$504	\$757	\$603	\$61					
Not mortgaged	107	702	603	350	23	182	678	19	15	39	12					
Less than \$50	6	11	—	—	—	6	8	—	—	—	—					
\$50 to \$74	28	138	79	40	—	12	53	—	—	—	—					
\$75 to \$99	246	399	102	95	9	116	109	—	—	—	6					
\$100 to \$149	31	215	240	154	8	49	328	11	7	13	—					
\$150 to \$199	—	61	97	73	6	36	173	8	8	12	6					
\$200 to \$249	3	31	21	23	24	24	21	—	—	—	—					
\$250 or more	—	—	34	5	—	6	—	—	—	—	—					
Median	\$88	\$96	\$120	\$122	\$133	\$126	\$124	\$144	\$152	\$111	\$137					
GROSS RENT																
Specified renter-occupied housing units	419	736	2 214	706	216	1 161	1 176	230	650	230	94					
Less than \$50	—	16	—	—	—	—	—	—	—	—	—					
\$50 to \$59	44	16	—	—	—	—	5	—	—	—	—					
\$60 to \$79	9	50	6	—	—	—	12	—	—	7	—					
\$80 to \$99	8	37	—	—	—	—	—	—	—	5	—					
\$100 to \$119	—	50	—	—	—	—	—	—	—	—	—					
\$120 to \$149	7	26	5	—	—	—	19	5	—	—	—					
\$150 to \$169	24	11	22	5	—	29	16	—	—	—	—					
\$170 to \$199	37	37	23	23	6	42	32	—	—	—	—					
\$200 to \$249	—	10	115	50	11	62	138	15	4	16	21					
\$250 to \$299	6	33	154	65	32	59	156	19	38	30	20					
\$300 to \$349	10	202	59	116	76	59	214	14	29	69	14					
\$350 to \$399	55	79	305	153	54	223	148	77	50	16	12					
\$400 to \$499	123	149	423	107	31	293	191	52	118	40	14					
\$500 or more	64	636	114	36	31	381	177	993	17	87	21					
No cash rent	20	83	109	73	—	32	63	8	9	—	—					
Median	\$390	\$349	\$449	\$369	\$361	\$437	\$342	\$373	\$500+	\$430	\$350					
HOUSEHOLD INCOME IN 1979																
Occupied housing units	795	2 944	6 896	3 415	393	2 923	5 047	398	2 630	3 355	356					
Median income	\$16 505	\$24 056	\$27 765	\$28 518	\$16 225	\$24 288	\$29 068	\$18 643	\$26 776	\$29 754	\$24 250					
Owner-occupied housing units	365	2 203	4 652	2 704	172	1 753	3 854	154	1 963	3 125	262					
Median income	\$27 714	\$28 641	\$33 919	\$32 294	\$26 009	\$30 295	\$33 944	\$26 912	\$28 476	\$30 177	\$27 115					
Renter-occupied housing units	430	741	2 244	711	221	1 170	1 193	244	667	230	94					
Median income	\$8 971	\$12 375	\$16 784	\$15 625	\$11 513	\$18 169	\$17 104	\$15 000	\$18 714	\$18 409	\$10 625					
INCOME IN 1979 BELOW POVERTY LEVEL																
Owner-occupied housing units	5	115	220	88	12	55	81	21	48	26	—					
Percent below poverty level	1.4	5.2	4.7	3.3	7.0	3.1	2.1	13.6	2.4	0.8	—					
Complete plumbing for exclusive use	5	115	220	88	12	55	81	21	48	26	—					
1.01 or more persons per room	25	30	7	—	—	16	—	—	—	—	—					
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—					
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—					
Renter-occupied housing units	139	200	292	109	41	77	185	25	62	41	27					
Percent below poverty level	32.3	27	13.0	13.0	18	15.8	9.3	10.2	8	3	28.7					
Complete plumbing for exclusive use	139	200	292	124	41	77	185	25	62	41	27					
1.01 or more persons per room	22	44	29	34	—	10	94	10	6	11	—					
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—	—					
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—					

¹Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Makapu (COP)			Pearl City (COP)			Schafeld Barracks (COP)			
	Race			Race			Race			
	White	Black	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
HOUSE HEATING FUEL										
Utility gas	12	—	7	54	519	53	83	40	18	31
Bottled, tank, or LP gas	—	—	—	31	295	20	—	8	—	—
Electricity	75	—	13	63	358	41	1 249	298	84	153
Fuel oil, kerosene, etc.	—	—	—	—	—	—	10	3	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	10	7	—	128	—	6	—
Other fuel	—	—	—	—	—	—	—	—	—	—
No fuel used	1 427	169	132	2 387	7 101	578	953	225	89	154
WATER HEATING FUEL										
Utility gas	64	—	12	64	150	3	390	125	30	58
Bottled, tank, or LP gas	19	—	—	17	84	14	23	14	—	—
Electricity	1 431	169	140	2 438	7 910	675	2 004	435	172	280
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	26	125	—	—	—	—	—
No fuel used	—	—	—	—	11	—	6	—	—	—
COOKING FUEL										
Utility gas	6	—	—	16	129	—	368	122	26	51
Bottled, tank, or LP gas	—	—	—	13	107	4	19	6	—	—
Electricity	1 503	169	145	2 516	8 026	688	2 013	446	176	287
Other	—	—	—	—	—	—	—	—	—	—
No fuel used	5	—	7	—	18	—	23	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS										
Specified owner-occupied housing units	—	—	—	803	5 855	282	—	—	—	—
With a mortgage	—	—	—	771	5 381	282	—	—	—	—
Less than \$100	—	—	—	—	—	—	—	—	—	—
\$100 to \$149	—	—	—	—	45	—	—	—	—	—
\$150 to \$199	—	—	—	32	180	—	—	—	—	—
\$200 to \$249	—	—	—	82	372	22	—	—	—	—
\$250 to \$299	—	—	—	91	496	38	—	—	—	—
\$300 to \$349	—	—	—	84	517	9	—	—	—	—
\$350 to \$399	—	—	—	72	551	62	—	—	—	—
\$400 to \$449	—	—	—	23	409	23	—	—	—	—
\$450 to \$499	—	—	—	35	323	12	—	—	—	—
\$500 to \$599	—	—	—	60	728	37	—	—	—	—
\$600 to \$749	—	—	—	145	944	54	—	—	—	—
\$750 or more	—	—	—	127	717	25	—	—	—	—
Median	—	—	—	\$452	\$464	\$422	—	—	—	—
Not mortgaged	—	—	—	32	474	—	—	—	—	—
Less than \$50	—	—	—	13	17	—	—	—	—	—
\$50 to \$74	—	—	—	19	34	—	—	—	—	—
\$75 to \$99	—	—	—	—	94	—	—	—	—	—
\$100 to \$149	—	—	—	—	210	—	—	—	—	—
\$150 to \$199	—	—	—	—	100	—	—	—	—	—
\$200 to \$249	—	—	—	—	6	—	—	—	—	—
\$250 or more	—	—	—	—	13	—	—	—	—	—
Median	—	—	—	\$79	\$118	—	—	—	—	—
GROSS RENT										
Specified renter-occupied housing units	1 439	152	152	1 321	1 043	251	2 374	558	196	332
Less than \$50	—	—	—	5	8	—	6	—	—	—
\$50 to \$59	—	—	—	18	16	—	—	—	—	—
\$60 to \$79	—	—	—	7	8	—	—	—	—	—
\$80 to \$99	—	—	—	6	14	—	—	—	—	—
\$100 to \$119	—	—	—	7	8	—	—	—	—	—
\$120 to \$149	—	—	—	—	7	—	—	—	—	—
\$150 to \$169	—	—	—	8	29	—	3	4	—	4
\$170 to \$199	82	38	13	36	14	6	59	53	6	—
\$200 to \$249	476	40	84	126	82	26	452	78	23	52
\$250 to \$299	182	14	—	81	11	11	226	15	14	—
\$300 to \$349	104	13	6	30	97	10	153	22	5	—
\$350 to \$399	34	14	—	94	80	21	78	8	4	9
\$400 to \$499	62	—	—	281	183	70	94	22	6	—
\$500 or more	23	—	—	302	326	65	18	14	—	—
No cash rent	462	33	49	335	109	25	1 285	333	134	246
Median	\$242	\$220	\$228	\$432	\$423	\$431	\$256	\$222	\$238	\$216
HOUSEHOLD INCOME IN 1979										
Occupied housing units	1 514	169	152	2 545	8 280	692	2 423	574	202	338
Median income	\$14 089	\$15 509	\$11 484	\$21 353	\$31 629	\$23 583	\$11 990	\$10 859	\$11 207	\$9 269
Owner-occupied housing units	—	—	—	1 192	7 167	437	—	—	—	—
Median income	—	—	—	\$29 722	\$34 896	\$24 896	—	—	—	—
Renter-occupied housing units	1 514	169	152	1 353	1 093	255	2 423	574	202	338
Median income	\$14 089	\$15 509	\$11 484	\$16 328	\$19 970	\$17 604	\$11 990	\$10 859	\$11 207	\$9 269
INCOME IN 1979 BELOW POVERTY LEVEL										
Owner-occupied housing units	—	—	—	33	109	21	—	—	—	—
Percent below poverty level	—	—	—	2.8	1.5	4.8	—	—	—	—
Complete plumbing for exclusive use	—	—	—	3	109	21	—	—	—	—
1.01 or more persons per room	—	—	—	6	29	6	—	—	—	—
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—
Renter-occupied housing units	70	12	7	146	115	28	152	78	33	63
Percent below poverty level	4.6	7.1	4.6	10.8	10.5	11.0	6.3	13.6	16.3	18.6
Complete plumbing for exclusive use	70	12	7	146	104	28	146	78	33	63
1.01 or more persons per room	—	—	—	27	11	4	—	15	12	17
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	—	—
1.01 or more persons per room	—	—	—	—	11	—	6	—	—	—

¹Persons of Spanish origin may be of any race.

Table 90. **Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 10,000 to 50,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[1,000 or More of the
Specified Racial or Spanish
Origin Group]**

	Waikuku (CDP)			Waipahu (CDP)			Waipahu (CDP)		
	Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	1 529	3 290	536	928	2 391		1 321	5 127	706
HOUSE HEATING FUEL									
Utility gas	14	25	8	9	9		56	325	39
Bottled, tank, or LP gas	17	53	6	6	49		18	276	35
Electricity	66	223	51	5	61		36	352	35
Fuel oil, kerosene, etc	32	212	37	—	—		—	—	—
Cool or coke	—	—	—	—	—		—	—	—
Wood	59	98	—	17	5		—	—	—
Other fuel	—	—	—	—	—		—	—	—
No fuel used	1 341	2 679	429	891	2 267		1 211	4 174	597
WATER HEATING FUEL									
Utility gas	153	138	36	14	58		102	239	50
Bottled, tank, or LP gas	66	156	41	180	509		52	174	46
Electricity	1 295	2 964	459	722	1 682		1 167	4 683	610
Fuel oil, kerosene, etc	—	—	—	—	—		—	—	—
Other	—	14	—	6	86		20	20	—
No fuel used	15	18	—	6	56		—	11	—
COOKING FUEL									
Utility gas	80	129	27	18	68		60	256	50
Bottled, tank, or LP gas	105	176	51	155	390		35	186	53
Electricity	1 276	2 972	458	723	1 895		1 218	4 676	603
Other	—	5	—	14	24		4	4	—
No fuel used	68	8	—	18	54		8	5	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS									
Specified owner-occupied housing units	331	1 680	99	292	1 230		228	2 630	262
With a mortgage	213	1 016	58	137	603		165	2 407	225
Less than \$100	—	12	—	—	6		—	6	—
\$100 to \$149	—	17	—	—	27		—	8	—
\$150 to \$199	4	35	4	24	39		13	95	5
\$200 to \$249	6	131	6	6	95		11	228	26
\$250 to \$299	19	519	19	51	109		40	315	21
\$300 to \$349	—	75	—	17	64		19	244	26
\$350 to \$399	34	86	10	39	53		10	197	10
\$400 to \$449	37	107	5	8	107		13	193	14
\$450 to \$499	6	88	13	—	54		—	204	19
\$500 to \$599	13	181	12	—	88		15	368	32
\$600 to \$749	60	44	95	44	95		27	277	45
\$750 or more	32	80	15	25	46		17	241	29
Median	\$488	\$420	\$492	\$378	\$377		\$349	\$423	\$483
Not mortgaged	118	664	41	155	627		63	273	37
Less than \$50	—	13	—	—	26		5	6	—
\$50 to \$74	8	74	6	51	208		12	44	—
\$75 to \$99	15	205	63	35	153		16	65	9
\$100 to \$149	78	149	11	22	262		30	147	14
\$150 to \$199	8	90	18	26	59		—	36	9
\$200 to \$249	—	—	—	—	—		—	—	—
\$250 or more	6	—	—	—	—		—	—	—
Median	\$112	\$107	\$119	\$89	\$88		\$98	\$99	\$113
GROSS RENT									
Specified renter-occupied housing units	1 134	1 337	425	528	958		1 039	2 026	394
Less than \$50	—	6	—	—	15		—	9	—
\$50 to \$59	—	7	—	—	9		—	8	—
\$60 to \$79	20	—	—	—	13		—	—	—
\$80 to \$99	4	6	—	—	10		—	42	—
\$100 to \$119	4	30	—	—	42		6	22	4
\$120 to \$149	7	54	16	17	54		22	74	5
\$150 to \$169	—	30	—	21	59		—	7	—
\$170 to \$199	68	107	57	57	55		—	12	6
\$200 to \$249	200	281	80	271	122		217	62	27
\$250 to \$299	209	239	51	91	142		167	413	116
\$300 to \$349	111	176	64	64	91		174	314	91
\$350 to \$399	148	83	49	148	86		471	86	61
\$400 to \$499	159	121	43	80	116		168	296	53
\$500 or more	28	38	10	71	49		27	2	108
No cash rent	3	128	6	33	127		—	108	3
Median	\$293	\$262	\$293	\$307	\$272		\$361	\$327	\$321
HOUSEHOLD INCOME IN 1979									
Occupied housing units	1 529	3 290	536	928	2 391		1 321	5 127	706
Median income	\$13 771	\$21 471	\$13 409	\$14 466	\$19 701		\$14 796	\$24 717	\$17 643
Owner-occupied housing units	380	1 926	313	409	1 032		300	1 400	243
Median income	\$25 787	\$30 145	\$27 125	\$21 357	\$25 229		\$28 500	\$32 851	\$29 688
Renter-occupied housing units	1 149	1 364	223	519	1 359		1 021	3 727	463
Median income	\$11 573	\$10 780	\$10 607	\$12 000	\$14 263		\$12 640	\$11 002	\$8 807
INCOME IN 1979 BELOW POVERTY LEVEL									
Owner-occupied housing units	39	32	9	—	38		16	78	24
Percent below poverty level	5.0	2.7	8.7	—	2.7		6.1	2.6	8.0
Complete plumbing for exclusive use	16	52	9	—	38		16	78	24
1.01 or more persons per room	—	5	—	—	6		—	27	—
Lacking complete plumbing for exclusive use	—	—	—	—	—		—	—	—
1.01 or more persons per room	—	—	—	—	—		—	—	—
Renter-occupied housing units	177	354	136	86	175		277	540	145
Percent below poverty level	15.4	26.0	31.4	16.3	18.3		26.2	26.9	35.7
Complete plumbing for exclusive use	177	354	136	86	175		277	540	145
1.01 or more persons per room	13	105	28	10	61		69	228	34
Lacking complete plumbing for exclusive use	—	31	—	—	22		15	27	—
1.01 or more persons per room	—	15	—	—	—		15	6	—

¹Persons of Spanish origin may be of any race.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

[illegible]

Table 91. Selected Characteristics for Places of 2,500 to 10,000: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Places	Laie (CDP)	Lihue (CDP)	Mali (CDP)	Makaha (CDP)	Makalei City (CDP)	Makawao (CDP)	Manawili (CDP)	Nanukuli (CDP)	Pukalani (CDP)	Waialua (CDP)	Waianae (CDP)	Waipahoehoe (CDP)	Waipahoehoe Beach (CDP)	Waipahoehoe Acres (CDP)
Year-round housing units	899	1 597	1 378	3 192	2 243	980	1 423	1 898	1 254	1 116	2 081	823	981	1 433
Complete kitchen facilities	881	1 525	1 348	3 169	2 220	980	1 416	1 884	1 254	1 059	2 019	811	944	1 433
YEAR STRUCTURE BUILT														
1979 to March 1980	69	154	6	179	290	43	5	39	227	5	39	86	—	—
1975 to 1979	214	235	114	147	603	293	54	381	339	118	388	103	36	202
1970 to 1974	340	245	151	1 511	518	201	199	631	262	117	643	290	235	600
1960 to 1969	178	255	413	615	776	99	846	447	272	233	461	170	209	384
1940 to 1959	58	450	532	703	—	199	—	387	332	117	280	473	370	285
1939 or earlier	40	258	162	37	6	147	32	39	37	363	76	43	131	12
HEATING EQUIPMENT														
Steam or hot water system	15	15	23	33	11	—	54	42	—	9	119	113	86	92
Central warm-air furnace	—	5	—	23	—	—	—	—	8	—	9	—	6	—
Electric heat pump	5	—	6	42	28	10	7	—	10	5	104	27	12	26
Other built-in electric units	8	137	15	67	—	—	10	—	11	—	49	10	16	—
Other means or none	871	1 577	1 336	3 027	2 204	970	1 352	1 845	1 236	1 097	1 800	673	818	1 299
BEDROOMS														
None	171	116	—	229	—	14	—	21	—	19	99	23	18	10
1	151	174	111	838	32	93	32	83	90	96	275	143	137	265
2	220	430	438	1 292	64	255	90	474	197	199	312	250	701	702
3	236	727	638	686	1 571	501	805	869	853	665	1 048	367	409	413
4	99	137	180	139	567	108	390	405	23	104	293	126	175	33
5 or more	21	13	11	8	—	9	106	46	23	33	34	14	70	—
UNITS IN STRUCTURE														
1, mobile home or trailer, etc.	433	1 100	1 045	958	2 024	897	1 359	1 246	1 031	893	1 222	586	836	423
2 to 4	189	84	84	29	58	37	34	160	321	130	351	29	39	19
5 to 9	22	76	19	480	129	7	17	278	47	—	250	63	—	—
10 to 49	264	114	80	102	4	39	13	231	16	—	307	133	108	556
50 or more	—	223	95	1 082	28	—	—	22	—	93	51	12	—	435
BATHROOMS														
No bathroom or only a half bath	25	25	—	18	12	—	13	14	5	18	36	25	6	7
1 complete bathroom	516	632	793	2 679	145	536	79	821	319	714	1 146	439	395	1 055
2 complete bathrooms	109	365	469	1 247	1 033	178	292	365	246	176	349	178	249	479
3 or more complete bathrooms	249	575	248	1 053	266	1 039	530	535	208	550	126	403	779	259
AIR CONDITIONING														
None	873	1 482	1 215	2 404	2 083	980	1 242	1 777	1 231	1 058	1 902	778	947	1 386
Central system	—	29	24	29	815	—	—	9	—	—	32	—	—	5
1 or more individual room units	26	91	134	173	160	—	181	112	23	58	147	45	34	42
Occupied housing units	823	1 389	1 264	2 010	2 136	885	1 407	1 828	1 179	1 102	1 943	791	949	1 359
No telephone	171	119	115	316	25	47	5	164	44	17	234	43	64	50
YEAR HOUSHOLDER MOVED INTO UNIT														
1979 to March 1980	344	305	327	989	696	128	261	404	282	140	416	164	60	578
1975 to 1979	238	400	369	493	762	408	335	794	387	323	787	297	187	381
1970 to 1974	153	185	234	233	292	140	318	312	197	193	395	180	336	116
1960 to 1969	53	202	197	170	386	122	197	239	224	213	319	215	167	—
1959 or earlier	35	297	137	125	—	88	85	79	89	233	126	31	151	117
HOUSE HEATING FUEL														
Utility gas	—	—	4	7	6	—	36	26	—	27	53	25	50	—
Bottled, tank, or LP gas	15	15	19	36	5	—	22	16	7	9	87	36	14	—
Electricity	23	14	19	65	28	55	44	19	108	10	158	42	80	89
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	27	—	—	—	—	28
Coal or coke	—	—	—	—	—	9	—	—	81	—	—	—	—	—
Wood	—	15	—	6	—	26	46	—	—	5	—	—	8	17
Other fuel	—	—	—	—	—	13	—	—	—	—	—	—	6	—
No fuel	785	1 345	1 222	1 896	2 097	795	1 246	1 767	956	1 078	1 671	536	775	1 161
VEHICLES AVAILABLE														
None	97	141	110	285	—	19	10	190	18	102	307	69	53	90
1	527	633	400	964	560	240	341	609	233	373	567	220	253	669
2	128	383	489	521	905	403	688	557	477	411	705	323	318	406
3 or more	71	302	265	240	671	223	368	472	451	216	364	179	325	194
CHARACTERISTICS OF HOUSING UNITS WITH HOUSHOLDER OR SPOUSE 65 YEARS AND OVER														
Occupied housing units	49	315	161	258	35	96	151	181	181	336	199	164	136	73
Owner-occupied housing units	35	239	110	102	31	80	141	150	145	242	119	93	113	62
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	—	5	14	—	3	—	—
No complete kitchen facilities	—	—	—	17	—	—	—	—	—	—	—	9	—	—
No vehicle available	12	60	16	83	—	5	7	49	7	54	109	24	13	—
No telephone	49	315	161	258	35	96	151	181	181	336	199	164	136	73
Lacking central heating system	49	315	161	258	35	96	151	181	181	336	199	164	136	73
Lacking air conditioning	43	289	126	215	31	96	138	174	181	315	177	160	131	73
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	222	760	589	416	1 282	554	1 123	904	790	512	781	362	596	354
Less than \$100	155	470	452	354	1 258	452	1 088	756	636	239	482	338	358	284
\$100 to \$199	—	25	17	5	12	53	24	35	69	7	71	10	15	—
\$200 to \$299	31	46	43	45	109	81	249	331	114	58	152	68	174	106
\$300 to \$399	48	93	65	57	156	83	89	206	112	53	112	145	50	36
\$400 to \$499	17	182	206	168	291	100	228	73	208	11	211	97	16	63
\$500 or more	44	124	72	53	690	135	498	48	216	33	130	18	78	64
Median	\$338	\$449	\$437	\$452	\$626	\$422	\$554	\$687	\$427	\$240	\$400	\$365	\$283	\$363
No mortgage	37	266	137	62	24	102	35	148	154	273	99	70	238	70
Median	\$161	\$98	\$95	\$99	\$93	\$101	\$115	\$88	\$113	\$68	\$118	\$85	\$137	\$119
GROSS RENT														
Specified renter-occupied housing units	549	538	588	1 347	277	261	200	601	323	491	738	273	240	619
Less than \$80	—	—	22	—	—	—	—	—	—	63	—	—	—	—
\$80 to \$99	—	19	9	14	—	—	5	13	—	53	7	21	7	6
\$100 to \$149	—	45	46	49	—	—	8	27	—	88	17	57	—	—
\$150 to \$199	212	35	79	37	9	19	9	20	11	90	68	26	68	—
\$200 to \$299	70	99	180	348	—	28	8	169	—	73	277	43	68	84
\$300 to \$399	64	68	187	572	24	42	12	167	117	104	210	44	37	310
\$400 or more	164	151	131	265	24	102	143	163	40	166	136	27	55	208
No cash rent	9	55	7	45	4	31	15	14	35	30	16	—	15	11
Median	\$286	\$272	\$300	\$327	\$500+	\$433	\$500+	\$337	\$424	\$206	\$296	\$180	\$357	\$376
MEDIAN HOUSEHOLD INCOME IN 1979														
Owner-occupied housing units	\$13 946	\$23 997	\$16 402	\$13 946	\$25 637	\$21 017	\$34 549	\$15 904	\$25 067	\$16 449	\$17 793	\$11 821	\$22 680	\$17 834
Renter-occupied housing units	\$28 839	\$29 742	\$23 402	\$20 410	\$26 191	\$22 500	\$36 645	\$27 843	\$21 659	\$24 735	\$22 679	\$24 038	\$22 678	\$17 834
Median	\$10 161	\$26 267	\$11 306	\$11 176	\$20 865	\$16 573	\$24 097	\$11 387	\$19 812	\$11 062	\$9 229	\$10 778	\$14 485	\$14 307

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980**

[Data are estimates based on a sample; see Introduction For meaning of symbols, see Introduction For definitions of terms, see appendices A and B]

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

Ahuimanu (CDP)			Ewa (CDP)		Hanalei (CDP)		Hauka (CDP)		Hea (CDP)			
Race			Race		Race		Race		Race			
White			Asian and Pacific Islander		White		Asian and Pacific Islander		White		Asian and Pacific Islander	
788	900	105	402	133	687	217	485	721	782			
783	887	105	572	...	665	217	485	712	755			
—	14	—	16	...	49	56	95	7	—			
36	60	—	—	...	55	—	21	—	11			
179	168	—	—	...	74	22	22	179	98			
370	319	32	—	...	152	33	67	148	163			
182	289	36	6	...	303	71	185	330	454			
21	64	22	318	...	69	88	137	64	45			
—	—	—	278	...	34	3	53	11	—			
29	57	11	30	...	6	—	8	19	86			
—	—	—	7	...	—	—	—	—	—			
—	7	—	15	...	—	—	—	8	—			
11	19	—	26	...	—	6	—	6	11			
748	817	94	524	...	681	211	477	688	685			
—	—	6	—	...	12	—	26	—	—			
33	35	53	159	...	63	47	98	29	44			
152	200	53	134	...	78	86	130	72	130			
435	411	17	300	...	435	80	183	381	346			
130	158	12	9	...	57	4	32	212	239			
38	66	12	—	...	42	—	16	27	23			
427	554	49	536	...	495	177	349	606	752			
176	196	23	50	...	166	15	40	16	4			
161	114	13	16	...	—	—	35	9	—			
24	36	20	—	...	26	25	51	70	4			
—	—	—	—	...	—	—	—	20	22			
5	—	5	31	...	85	—	—	—	4			
139	177	63	553	...	328	118	294	47	90			
46	128	46	18	...	103	20	82	66	114			
598	595	37	—	...	171	79	109	608	574			
241	225	51	36	...	125	43	104	99	49			
361	350	20	102	...	182	65	170	323	200			
131	198	12	103	...	102	40	75	145	199			
44	110	11	105	...	210	58	110	147	311			
11	17	11	256	...	68	11	26	7	23			
4	28	—	19	...	—	—	—	19	55			
25	29	11	20	...	6	—	12	—	30			
17	52	16	55	...	—	11	10	14	33			
—	—	—	—	...	—	—	—	7	—			
5	—	—	—	...	—	—	—	41	—			
—	—	—	—	...	—	—	—	—	—			
737	791	78	508	...	681	206	463	640	657			
21	13	10	49	...	58	17	42	7	—			
222	291	48	216	...	215	105	207	151	137			
399	377	24	186	...	218	68	145	361	414			
146	219	23	131	...	196	27	71	202	231			
32	39	12	221	...	219	43	45	66	72			
19	19	12	190	...	190	40	19	66	63			
—	—	—	8	...	17	—	—	—	4			
—	—	—	22	...	—	—	—	—	—			
—	—	—	63	...	33	—	10	7	—			
—	—	—	12	...	19	—	10	—	—			
32	33	12	182	...	213	37	45	66	80			
27	39	12	215	...	214	43	45	66	66			
155	434	29	—	...	417	87	199	526	673			
144	399	29	—	...	289	56	129	490	633			
—	—	—	—	...	—	—	—	—	—			
6	5	—	—	...	64	3	23	—	10			
6	9	—	—	...	80	—	27	39	120			
36	116	11	—	...	48	4	14	41	100			
39	119	39	—	...	89	13	30	92	149			
57	150	12	—	...	16	16	34	318	254			
\$500	\$529	\$375	—	...	\$291	\$575	\$404	\$699	\$528			
11	135	—	—	...	128	51	70	36	40			
\$113	\$135	—	—	...	\$91	\$72	\$130	\$182	\$121			
205	172	38	533	...	186	104	247	92	47			
—	—	—	174	...	6	—	—	—	—			
—	—	—	151	...	9	—	10	—	—			
5	—	5	164	...	5	22	—	—	9			
—	9	—	25	...	13	52	20	—	4			
3	9	—	12	...	22	24	—	—	—			
42	78	8	—	...	17	43	71	—	17			
155	76	25	—	...	23	10	23	85	17			
—	—	—	19	...	4	3	7	—	—			
\$500+	\$392	\$430	\$92	...	\$252	\$182	\$337	\$298	\$331			

¹Persons of Spanish origin may be of any race.

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**Places
[400 or More of the Specified
Race or Spanish Origin
Group]**

	Kahului (CDP)			Kailua (CDP), Hawaii County			Kalaheo (CDP)			Kapaa (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander		White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	371	444		885	599	167	486	319		484	910	67
Complete kitchen facilities	357	444		819	599	167	479	306		486	886	64
No telephone	7	—		127	44	8	39	17		43	104	6
YEAR STRUCTURE BUILT												
1979 to March 1980	11	—		87	54	12	25	6		70	56	8
1975 to 1978	10	—		209	462	44	114	28		65	91	13
1970 to 1974	104	53		431	274	65	73	98		30	144	13
1960 to 1969	134	200		107	60	21	92	57		67	67	6
1940 to 1959	163	166		44	14	19	86	82		152	314	20
1939 or earlier	16	15		7	13	6	96	48		100	213	7
HEATING EQUIPMENT												
Steam or hot water system	—	19		—	—	—	—	—		6	5	—
Central warm-air furnace	—	—		—	—	—	13	—		—	—	—
Electric heat pump	—	—		—	—	—	—	—		12	4	—
Other built-in electric units	—	—		—	—	—	—	—		—	—	—
Other means or none	371	425		885	599	167	473	319		466	901	67
BEDROOMS												
None	10	5		25	118	29	7	12		21	58	3
1	37	50		284	118	29	58	11		47	67	15
2	103	146		273	186	34	141	104		129	232	30
3	132	171		248	239	83	249	164		230	457	19
4	47	48		38	38	21	17	28		65	57	5
5 or more	42	24		17	—	—	—	—		13	39	—
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	281	332		395	292	110	376	259		341	683	49
2 to 4	65	57		100	46	14	30	27		42	71	9
5 to 9	12	8		55	90	22	30	7		9	61	—
10 to 49	13	47		236	95	5	—	—		65	57	9
50 or more	—	—		99	76	16	44	26		27	38	—
BATHROOMS												
No bathroom or only a half bath ..	—	—		7	—	—	15	13		37	56	10
1 complete bathroom	120	152		472	354	89	215	129		286	471	31
1 complete bathroom plus half bath(s)	51	54		121	142	37	103	58		103	211	11
2 or more complete bathrooms ..	230	238		285	103	41	153	88		103	172	15
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	79	26		467	231	57	104	37		214	178	27
1975 to 1978	74	70		286	162	57	129	63		114	176	23
1970 to 1974	105	163		113	147	30	85	53		85	178	17
1960 to 1969	74	118		19	39	16	105	68		49	153	—
1959 or earlier	39	67		—	—	7	70	66		54	225	—
HOUSE HEATING FUEL												
Utility gas	—	—		—	—	—	—	—		—	5	—
Battled, tank, or LP gas	—	7		6	7	—	—	—		6	—	—
Electricity	—	—		6	7	7	21	—		12	14	—
Fuel oil, kerosene, etc.	—	—		—	—	—	—	—		—	—	—
Coal or coke	—	—		—	—	—	—	—		—	—	—
Wood	24	16		24	—	—	53	5		13	—	—
Other fuel	—	—		—	—	—	3	—		—	—	—
No fuel used	347	409		849	585	160	409	314		453	891	67
VEHICLES AVAILABLE												
None	6	12		123	47	10	19	17		44	62	—
1	109	124		377	249	74	173	62		151	224	54
2	168	217		300	198	52	126	90		204	325	5
3 or more	88	91		85	105	31	168	150		85	299	8
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	36	74		137	44	6	88	64		70	315	15
Owner-occupied housing units	33	70		64	26	—	58	51		229	50	—
Lacking complete plumbing for exclusive use	—	—		—	—	—	8	13		—	18	—
No complete kitchen facilities ..	—	—		—	—	—	—	13		—	24	—
No vehicle available	—	—		40	10	—	15	15		9	45	—
No telephone	—	—		13	7	—	—	5		11	51	6
Lacking central heating system ..	36	74		137	44	6	88	64		64	315	15
Lacking air conditioning	33	74		102	44	6	88	64		61	294	15
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units	156	246		294	274	85	218	206		...	...	14
With a mortgage	98	109		219	269	85	143	115		...	398	7
Less than \$100	—	—		—	—	—	—	—		—	7	—
\$100 to \$199	—	—		—	4	4	—	4		—	19	7
\$200 to \$299	13	13		62	35	10	36	32		...	14	—
\$300 to \$399	24	33		51	44	6	28	6		...	54	—
\$400 to \$599	15	22		46	96	20	32	49		...	23	—
\$600 or more	46	42		60	49	—	47	24		...	21	—
Median	\$525	\$447		\$393	\$417	\$347	\$452	\$468		...	\$343	\$138
Not mortgaged	58	137		75	5	—	75	91		...	256	7
Median	\$112	\$105		\$114	\$275	—	\$100	\$127		...	\$105	\$63
GROSS RENT												
Specified renter-occupied housing units	170	170		532	318	82	228	...		282	362	48
Less than \$80	—	—		6	5	—	8	...		11	43	9
\$80 to \$99	—	—		6	—	—	—	...		—	13	—
\$100 to \$149	—	3		28	6	6	18	...		13	17	9
\$150 to \$199	—	8		6	20	—	—	...		16	27	—
\$200 to \$299	41	26		38	34	57	57	...		61	94	5
\$300 to \$399	64	67		139	161	38	38	74		74	61	7
\$400 or more	77	44		268	68	27	58	...		95	70	18
No cash rent	—	—		21	18	—	31	...		12	37	—
Median	\$388	\$343		\$408	\$329	\$344	\$271	...		\$331	\$260	\$357

¹Persons of Spanish origin may be of any race.

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

Occupied housing units
Complete kitchen facilities
No telephone

YEAR STRUCTURE BUILT
1979 to March 1980
1975 to 1978
1970 to 1974
1960 to 1969
1940 to 1959
1939 or earlier

HEATING EQUIPMENT
Steam or hot water system
Central warm air furnace
Electric heat pump
Other built-in electric units
Other means or none

BEDROOMS
None
1
2
3
4 or more

UNITS IN STRUCTURE
1, mobile home or trailer, etc.
2 to 4
5 to 9
10 to 49
50 or more

BATHROOMS
No bathroom or only a half bath
1 complete bathroom
2 complete bathrooms plus half bath
2 or more complete bathrooms

YEAR HOUSEHOLDER MOVED INTO UNIT
1979 to March 1980
1975 to 1978
1970 to 1974
1960 to 1969
1959 or earlier

HOUSE HEATING FUEL
Utility gas
Bottled, tank, or LP gas
Electricity
Fuel oil, kerosene, etc.
Coal or coke
Wood
Other fuel
No fuel used

VEHICLES AVAILABLE
None
1
2
3 or more

**CHARACTERISTICS OF HOUSING UNITS WITH
HOUSEHOLDER OR SPOUSE 65 YEARS AND
OVER**

Occupied housing units
Owner-occupied housing units
Locking complete plumbing for exclusive use
No complete kitchen facilities
No vehicle available
No telephone
No central heating system
Locking or conditioning

**MORTGAGE STATUS AND SELECTED
MONTHLY OWNER COSTS**

Specified owner-occupied housing units
With a mortgage
Less than \$100
\$100 to \$199
\$200 to \$299
\$300 to \$399
\$400 to \$599
\$600 or more
Median
Not mortgaged
Median

GROSS RENT

Specified renter-occupied housing units
Less than \$80
\$80 to \$99
\$100 to \$149
\$150 to \$199
\$200 to \$299
\$300 to \$399
\$400 or more
No rent
Median

	Kekaha (CDP)		Kihuli (CDP)			Lahaina (CDP)		Lāie (CDP)		Lihue (CDP)	
	Race		Race			Race		Race		Race	
	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	White	Asian and Pacific Islander	White	Asian and Pacific Islander
Occupied housing units	200	493	1 278	585	139	845	1 089	260	550	372	993
Complete kitchen facilities	200	493	1 266	572	139	840	1 088	260	540	338	964
No telephone	7	19	71	27	5	122	52	33	138	63	47
YEAR STRUCTURE BUILT											
1979 to March 1980	—	54	170	78	5	74	—	26	43	5	19
1975 to 1978	59	74	441	257	40	89	43	142	47	169	114
1970 to 1974	34	92	429	165	60	297	322	87	215	94	141
1960 to 1969	17	49	193	34	176	176	272	77	34	41	193
1940 to 1959	64	212	123	5	179	162	7	43	87	125	290
1939 or earlier	26	212	22	31	12	99	244	20	20	60	181
HEATING EQUIPMENT											
Steam or hot water system	—	5	—	7	7	—	19	—	15	—	15
Central warm air furnace	—	—	—	—	—	—	—	—	—	—	—
Electric heat pump	—	—	—	—	—	—	—	—	8	—	5
Other built-in electric units	—	—	21	—	—	6	6	—	5	—	—
Other means or none	200	688	1 257	578	132	859	1 064	260	522	372	973
BEDROOMS											
None	—	4	31	21	—	112	37	24	143	51	29
1	9	33	358	106	50	187	138	64	97	13	114
2	50	196	434	156	17	188	203	112	86	98	187
3	67	369	384	264	48	263	537	55	127	114	584
4 or more	14	91	71	24	24	88	116	15	84	19	79
UNITS IN STRUCTURE											
1, mobile home or trailer, etc.	186	629	534	332	78	479	829	129	262	275	778
2 to 4	8	56	30	44	30	42	63	64	78	37	290
5 to 9	—	—	67	28	—	66	23	6	—	18	48
10 to 49	6	8	174	32	19	23	164	61	194	36	60
50 or more	—	—	459	163	42	45	10	—	—	30	54
BATHROOMS											
No bathroom or only a half bath	—	7	18	12	—	30	35	—	20	6	19
1 complete bathroom	78	404	600	264	68	488	419	140	342	166	393
2 complete bathrooms plus half bath	54	221	54	97	54	109	294	25	95	67	271
2 or more complete bathrooms	68	61	469	212	37	238	341	95	129	133	311
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	41	151	565	184	54	289	68	135	196	153	138
1975 to 1978	80	176	80	267	80	267	138	62	122	61	290
1970 to 1974	29	96	67	76	19	190	340	39	114	54	121
1960 to 1969	23	91	33	23	7	53	224	10	43	9	193
1959 or earlier	27	179	47	32	—	66	249	10	25	46	251
HOUSE HEATING FUEL											
Utility gas	—	—	—	—	—	—	—	—	—	—	—
Bottled, tank, or LP gas	—	5	6	12	7	—	19	—	13	—	15
Electricity	—	—	26	5	6	6	11	—	5	—	5
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	9	6
Other fuel	—	—	—	—	—	—	—	—	—	—	—
No fuel used	200	688	1 246	573	126	859	1 059	260	512	354	967
VEHICLES AVAILABLE											
None	6	57	32	30	6	144	91	17	80	42	88
1	34	154	605	100	48	396	274	187	335	117	237
2	77	234	401	224	47	215	400	42	78	156	423
3 or more	83	248	240	231	38	110	324	14	57	57	245
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER											
Occupied housing units	23	199	196	51	5	106	306	14	35	63	252
Owner-occupied housing units	14	73	150	40	3	62	214	—	35	38	181
Locking complete plumbing for exclusive use	—	—	—	12	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	—	57	—	30	—	28	36	7	5	—	60
No telephone	—	11	—	—	—	—	4	17	—	10	—
No central heating system	23	199	179	51	5	106	300	14	35	63	252
Locking or conditioning	23	188	129	47	—	70	278	14	29	49	240
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS											
Specified owner-occupied housing units	92	269	307	244	43	208	662	...	167	160	606
With a mortgage	69	211	196	203	43	142	359	...	120	101	369
Less than \$100	—	—	—	—	—	—	—	...	—	—	—
\$100 to \$199	—	26	7	7	—	—	55	...	15	14	11
\$200 to \$299	—	71	26	10	—	—	53	...	31	31	46
\$300 to \$399	42	67	28	54	14	25	74	...	48	—	93
\$400 to \$599	17	32	62	86	17	22	105	...	64	—	118
\$600 or more	10	15	46	73	12	68	72	...	26	—	101
Median	\$379	\$313	\$525	\$396	\$504	\$525	\$396	...	\$317	\$480	\$439
Not mortgaged	23	58	111	41	—	66	303	...	47	59	237
Median	\$93	\$86	\$111	\$128	—	\$120	\$111	...	\$165	\$166	\$87
GROSS RENT											
Specified renter-occupied housing units	...	403	668	242	83	579	...	...	363	206	308
Less than \$80	...	56	—	—	—	29	...	...	—	22	—
\$80 to \$99	...	100	—	—	—	51	...	...	—	19	—
\$100 to \$149	...	119	—	—	—	11	...	...	—	22	—
\$150 to \$199	...	21	8	—	—	53	...	...	—	75	—
\$200 to \$299	...	27	45	—	—	38	...	...	156	39	65
\$300 to \$399	...	24	67	34	6	49	...	...	41	27	41
\$400 or more	...	28	497	155	52	339	...	...	98	74	63
No rent	...	28	51	28	2	18	...	...	30	9	22
Median	...	\$105	\$500 +	\$480	\$500 +	\$469	...	...	\$212	\$368	\$223

¹Persons of Spanish origin may be of any race

Table 29. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Places [400 or More of the Specified Racial or Spanish Origin Group]	Maui (CDP)			Makaha (CDP)			Makaloa City (CDP)			Makawao (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	484	751	200	894	990	297	1 324	748	173	531	337	337
Complete kitchen facilities	465	743	183	877	914	297	1 311	741	173	531	337	337
No telephone	26	83	17	155	106	50	25	—	—	31	16	—
YEAR STRUCTURE BUILT												
1979 to March 1980	6	—	—	41	65	15	158	49	26	17	12	—
1975 to 1978	29	—	—	34	42	42	385	189	44	166	109	—
1970 to 1974	40	111	26	412	179	56	297	231	25	117	70	—
1960 to 1969	142	214	57	191	236	62	478	279	78	48	51	—
1940 to 1959	210	276	83	179	400	110	—	—	—	93	64	—
1939 or earlier	57	75	15	37	—	12	6	—	—	90	31	—
HEATING EQUIPMENT												
Steam or hot water system	—	23	10	7	26	—	6	5	—	—	—	—
Central warm-air furnace	—	—	—	23	—	—	—	—	—	—	—	—
Electric heat pump	—	6	—	6	—	—	18	10	—	—	10	—
Other built-in electric units	—	13	—	8	27	10	—	—	—	—	—	—
Other means or none	484	709	190	850	861	287	1 300	733	173	531	327	—
BEDROOMS												
None	—	—	—	66	39	8	—	—	—	—	7	—
1	34	40	17	330	110	40	15	17	—	51	42	—
2	154	238	38	351	98	31	31	33	4	140	72	—
3	229	354	78	250	317	125	882	536	143	279	174	—
4	56	119	56	6	100	26	396	153	26	61	33	—
5 or more	11	—	11	5	—	—	—	9	—	—	9	—
UNITS IN STRUCTURE												
1, mobile home or trailer, etc.	390	593	171	268	401	123	1 217	658	156	480	305	—
2 to 4	25	86	6	132	222	84	17	29	—	28	9	—
5 to 9	19	11	—	47	115	25	58	61	17	—	—	—
10 to 49	34	36	12	36	46	12	4	—	—	23	16	—
50 or more	16	36	—	411	136	53	28	—	—	—	—	—
BATHROOMS												
No bathroom or only a half bath ..	—	—	—	7	11	—	12	—	4	—	—	—
1 complete bathroom	275	432	89	750	666	237	88	39	24	294	159	—
1 complete bathroom plus half bath ..	75	155	38	75	96	38	347	333	80	69	87	—
2 or more complete bathrooms	134	164	73	62	147	32	389	364	65	168	91	—
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	115	201	77	536	359	121	504	156	48	67	51	—
1975 to 1978	121	230	36	178	229	103	501	248	48	266	142	—
1970 to 1974	80	174	55	107	27	147	145	102	34	89	51	—
1960 to 1969	80	119	13	48	109	30	172	199	43	83	38	—
1939 or earlier	61	56	19	30	95	16	—	—	—	26	55	—
HOUSE HEATING FUEL												
Utility gas	—	4	—	7	—	—	6	—	—	—	—	—
Bottled, tank, or LP gas	—	19	6	17	19	—	—	5	—	—	—	—
Electricity	—	19	—	27	33	10	18	10	—	42	13	—
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	9	—	—
Cool or coke	—	—	—	—	—	—	—	—	—	—	—	—
Wood	—	—	—	—	—	—	—	—	—	18	8	—
Other fuel	—	—	—	—	—	—	—	—	—	—	—	—
No fuel used	484	709	190	850	855	287	1 300	733	173	462	316	—
VEHICLES AVAILABLE												
None	29	81	12	105	139	86	—	—	—	—	12	—
1	168	207	61	518	349	144	365	165	20	170	70	—
2	214	275	81	227	252	23	572	303	87	223	173	—
3 or more	73	188	46	44	180	44	386	278	66	131	82	—
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER												
Occupied housing units	98	63	8	105	118	66	14	21	—	57	39	—
Owner-occupied housing units	58	52	8	58	59	18	14	17	—	48	32	—
Lacking complete plumbing (for exclusive use) ..	—	—	—	—	—	—	—	—	—	—	—	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—	—	—
No vehicle available	16	—	—	15	—	—	—	—	—	—	5	—
No telephone	—	19	—	5	16	—	—	—	—	—	—	—
Lacking central heating system	98	58	8	95	108	61	14	17	—	57	39	—
Lacking air conditioning	70	56	—	72	108	61	14	17	—	57	39	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS												
Specified owner-occupied housing units ..	235	342	85	163	235	60	738	524	130	324	...	...
With a mortgage	165	279	59	122	214	60	738	515	130	267	...	...
Less than \$100	17	—	—	—	—	—	—	—	—	—	...	...
\$100 to \$199	30	19	—	9	17	—	—	12	—	38	...	...
\$200 to \$299	18	25	8	17	28	—	61	40	16	23	...	...
\$300 to \$399	8	57	—	57	20	17	99	57	16	37	...	...
\$400 to \$599	64	134	37	51	112	16	157	134	25	74	...	...
\$600 or more	28	44	14	25	28	8	406	272	73	...	...	...
Median	\$424	\$438	\$515	\$444	\$435	\$403	\$638	\$614	\$613	\$495	...	...
Not mortgaged	70	63	26	41	21	14	15	9	—	57	...	...
Median	\$71	\$138	\$111	\$101	\$72	\$100	\$104	\$77	—	\$99	...	...
GROSS RENT												
Specified renter-occupied housing units ..	227	344	103	607	582	207	211	50	...	170	81	...
Less than \$80	—	—	—	23	4	—	—	—	...	—	—	...
\$80 to \$99	—	—	—	9	—	—	—	—	...	—	—	...
\$100 to \$149	18	23	16	37	19	—	—	—	...	—	—	...
\$150 to \$199	7	48	—	—	37	9	—	—	...	19	—	...
\$200 to \$299	69	111	25	140	165	57	113	19	...	10	18	...
\$300 to \$399	74	213	29	238	238	94	—	5	...	32	...	...
\$400 or more	50	42	—	151	69	47	192	41	...	83	58	...
No cash rent	—	—	—	7	9	—	—	4	...	26	5	...
Median	\$313	\$288	\$351	\$333	\$316	\$326	\$500+	\$500+	...	\$426	\$436	...

¹Persons of Spanish origin may be of any race.

Table 92. Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

	Maunawili (CDP)		Nanukuli (CDP)			Pukalani (CDP)		Waialua (CDP)		
Places	Race		Race			Race		Race		
[400 or More of the Specified Racial or Spanish Origin Group]	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	786	610	451	1 283	244	476	670	238	822	89
Complete kitchen facilities	779	610	451	1 269	244	476	670	216	790	89
No telephone	—	—	45	119	10	24	7	14	—	—
YEAR STRUCTURE BUILT	—	—	—	—	—	—	—	—	—	—
1979 to March 1980	5	—	—	33	—	95	77	5	—	—
1975 to 1978	20	34	67	311	52	103	213	6	109	7
1970 to 1974	94	99	232	329	64	158	89	20	93	12
1960 to 1969	497	333	60	332	51	58	204	69	160	30
1940 to 1959	157	125	79	252	72	57	55	45	232	—
1939 or earlier	13	19	13	26	5	5	32	93	228	40
HEATING EQUIPMENT	—	—	—	—	—	—	—	—	—	—
Steam or hot water system	23	31	8	34	15	—	—	3	6	—
Central warm-air furnace	—	—	—	—	—	8	—	—	—	—
Electric heat pump	—	—	—	—	—	—	—	—	—	—
Other built-in electric units	—	10	7	4	—	4	6	—	5	5
Other means or none	763	562	436	1 245	229	464	664	235	806	84
BEDROOMS	—	—	—	—	—	—	—	—	—	—
None	—	—	6	9	5	—	—	—	19	—
1	15	13	42	25	8	47	27	10	86	6
2	38	52	140	296	96	94	72	99	99	—
3	467	320	168	626	85	292	500	507	119	83
4	206	184	95	286	50	31	19	19	78	—
5 or more	60	41	—	41	—	12	11	—	33	—
UNITS IN STRUCTURE	—	—	—	—	—	—	—	—	—	—
1, mobile home or trailer, etc.	758	583	199	983	115	376	593	164	680	65
2 to 4	20	14	42	59	21	85	50	49	74	11
5 to 9	8	5	127	115	74	15	24	—	—	—
10 to 49	—	—	69	34	—	—	3	—	—	—
50 or more	—	—	14	8	—	—	—	25	68	13
BATHROOMS	—	—	—	—	—	—	—	—	—	—
No bathroom or only a half bath ..	—	8	3	11	7	—	5	—	7	11
1 complete bathroom	25	50	19	519	130	126	147	177	518	46
1 complete bathroom plus half bath(s) ..	165	115	167	313	71	109	249	160	18	18
2 or more complete bathrooms ..	571	462	83	440	36	241	269	45	157	14
YEAR HOUSEHOLDER MOVED INTO UNIT	—	—	—	—	—	—	—	—	—	—
1979 to March 1980	199	62	170	194	87	159	110	80	53	—
1975 to 1978	221	114	166	581	106	137	235	86	223	6
1970 to 1974	175	137	67	245	25	108	89	29	164	22
1960 to 1969	177	231	207	25	26	18	38	20	193	13
1959 or earlier	14	66	23	56	—	34	55	23	189	11
HOUSE HEATING FUEL	—	—	—	—	—	—	—	—	—	—
Utility gas	18	18	—	26	7	—	—	—	—	—
Bottled, tank, or LP gas	22	8	8	—	—	—	—	—	—	—
Electricity	21	23	7	12	—	33	75	—	10	5
Fuel oil, kerosene, etc.	—	—	—	—	—	20	7	—	—	—
Cord or coke	—	—	—	—	—	—	—	—	—	—
Wood	46	—	—	—	—	45	36	5	—	—
Other fuel	—	13	—	—	—	—	—	—	—	—
No fuel used	679	556	436	1 237	229	378	545	230	806	84
VEHICLES AVAILABLE	—	—	—	—	—	—	—	—	—	—
None	7	3	65	113	54	—	18	28	71	—
1	222	119	153	416	53	108	115	79	279	34
2	363	214	165	367	57	193	273	91	302	32
3 or more	194	174	68	387	80	175	264	40	170	23
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	—	—	—	—	—	—	—	—	—	—
Occupied housing units	103	48	24	150	31	50	126	27	297	25
Owner-occupied housing units	93	48	20	130	11	33	107	27	203	25
Lacking complete plumbing for exclusive use ..	—	—	—	—	—	—	5	—	14	—
No complete kitchen facilities	—	—	—	—	—	—	—	—	—	—
No vehicle available	7	—	4	38	7	—	7	—	47	—
No telephone	97	42	24	150	31	38	126	27	286	25
Lacking central heating system	—	—	—	—	—	—	—	—	—	—
Lacking air conditioning	103	35	21	146	27	50	126	21	282	25
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	—	—	—	—	—	—	—	—	—	—
Specified owner-occupied housing units ..	406	...	130	774	43	285	495	50	441	33
With a mortgage	592	...	106	650	27	210	416	23	201	16
Less than \$100	—	...	—	13	—	—	—	—	—	—
\$100 to \$199	18	...	—	45	—	12	57	—	79	—
\$200 to \$299	141	...	38	313	15	28	81	4	45	—
\$300 to \$399	25	...	19	187	12	56	56	5	42	7
\$400 to \$499	113	...	55	18	—	58	97	11	5	—
\$500 or more	295	...	—	17	—	86	125	9	24	—
Median	\$598	...	\$347	\$283	\$285	\$552	\$421	\$325	\$235	\$379
Net mortgage	14	...	24	124	16	75	79	17	240	—
Median	\$100	...	\$67	\$91	\$110	\$115	\$111	\$101	\$88	\$113
GROSS RENT	—	—	—	—	—	—	—	—	—	—
Specified renter-occupied housing units ..	130	...	154	372	155	168	132	177	293	43
Less than \$80	—	...	—	—	—	—	15	—	48	6
\$80 to \$99	—	...	—	13	8	—	—	—	53	6
\$100 to \$149	—	...	10	12	12	—	—	16	61	17
\$150 to \$199	4	...	37	37	—	11	—	—	20	—
\$200 to \$299	—	...	48	108	57	—	—	32	41	—
\$300 to \$399	5	...	35	103	45	66	44	49	49	9
\$400 or more	112	...	44	91	33	51	86	51	5	—
No cash rent	9	...	—	8	—	16	19	14	16	—
Median	\$500+	...	\$357	\$317	\$304	\$431	\$404	\$339	\$121	\$133

¹Persons of Spanish origin may be of any race

Table 92. **Selected Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Places of 2,500 to 10,000: 1980—Con.**

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

**Places
[400 or More of the Specified
Racial or Spanish Origin
Group]**

	Waianae (CDP)			Waimanalo (CDP)			Waimanalo Beach (CDP)			Waipua Acres (CDP)		
	Race			Race			Race			Race		
	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹	White	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	496	1 311	227	189	577	135	280	665	611	537	118	118
Complete kitchen facilities	485	1 284	227	189	565	135	277	634	611	537	118	118
No telephone	30	177	57	—	43	—	...	35	15	13	13	13
YEAR STRUCTURE BUILT	—	30	6	9	77	—	...	—	—	—	—	—
1979 to March 1980	109	239	35	25	78	16	...	36	81	43	29	29
1975 to 1978	154	414	67	67	210	56	...	224	376	119	51	51
1970 to 1974	113	272	53	41	109	25	...	180	176	31	31	31
1960 to 1969	112	293	57	42	83	22	...	185	174	193	29	29
1940 to 1959	8	43	9	5	20	16	...	40	—	—	—	—
1939 or earlier	—	—	—	—	—	—	...	—	—	—	—	—
HEATING EQUIPMENT	22	92	17	14	99	11	...	76	34	50	6	6
Steam or hot water system	—	9	—	—	6	—	...	—	—	—	—	—
Central warm-air furnace	15	83	6	8	19	16	...	44	—	15	—	—
Electric heat pump	—	—	—	7	4	6	...	19	8	8	8	8
Other built-in electric units	459	1 093	197	163	453	108	...	520	569	458	104	104
Other means or none	—	—	—	—	—	—	...	—	—	—	—	—
BEDROOMS	32	46	9	—	23	10	...	—	10	—	—	—
None	36	187	43	33	110	33	...	75	151	44	12	12
1	2	184	32	34	102	58	...	100	337	164	58	58
2	249	659	125	84	252	36	...	273	109	283	48	48
3	24	30	—	24	90	17	...	165	4	29	—	—
4 or more	—	—	—	—	—	—	...	—	—	—	—	—
UNITS IN STRUCTURE	343	759	113	125	407	112	...	575	80	327	41	41
1, mobile home or trailer, etc.	2	34	24	2	34	3	...	14	10	9	—	—
2 to 4	20	184	21	31	32	5	...	—	—	—	—	—
5 to 9	47	203	56	31	102	15	...	76	293	123	43	43
10 to 49	15	24	3	—	12	—	...	—	228	72	34	34
50 or more	—	—	—	—	—	—	...	—	—	—	—	—
BATHROOMS	—	21	3	—	20	5	...	6	7	—	—	—
No bathroom or only a half bath ..	263	703	150	116	284	91	...	227	472	303	84	84
1 complete bathroom	148	34	47	34	173	47	...	113	79	13	—	—
2 complete bathroom plus half bath(s) ..	165	376	40	26	100	8	...	289	119	149	27	27
2 or more complete bathrooms	—	—	—	—	—	—	...	—	—	—	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT	123	248	76	23	136	22	...	11	290	130	63	63
1979 to March 1980	215	90	80	187	70	78	...	517	227	113	—	—
1975 to 1978	97	268	52	52	128	26	...	265	56	48	—	—
1970 to 1974	35	184	6	13	106	13	...	178	32	135	13	13
1960 to 1969	26	94	3	11	20	4	...	123	6	105	—	—
1939 or earlier	—	—	—	—	—	—	...	—	—	—	—	—
HOUSE HEATING FUEL	—	27	—	9	44	3	...	25	14	28	6	6
Utility gas	22	65	17	5	31	—	...	45	10	4	—	—
Bottled, tank, or LP gas	15	126	13	12	30	16	...	72	13	56	16	16
Electricity	—	—	—	—	—	—	...	—	—	—	—	—
Fuel oil, kerosene, etc.	—	—	—	—	—	—	...	—	—	—	—	—
Coal or coke	—	—	—	—	—	—	...	—	—	—	—	—
Wood	—	—	—	—	—	—	...	—	—	—	—	—
Other fuel	—	—	—	—	24	8	...	6	—	—	—	—
No fuel used	459	1 093	197	163	448	108	...	517	560	418	96	96
VEHICLES AVAILABLE	82	189	47	2	67	14	...	43	23	32	13	13
None	148	373	63	50	155	40	...	185	383	176	81	81
1	159	499	78	77	240	46	...	172	187	167	11	11
2 or more	107	250	39	60	115	35	...	265	18	156	13	13
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	59	136	14	13	144	28	...	117	23	50	8	8
Owner-occupied housing units	—	76	—	—	80	12	...	14	102	14	—	—
Lacking complete plumbing for exclusive use ..	—	—	—	—	5	—	...	—	—	—	—	—
No complete kitchen facilities	38	67	14	—	—	—	...	9	—	—	—	—
No vehicle available	15	25	10	—	—	—	...	13	—	—	—	—
No telephone	39	120	4	9	127	20	...	82	23	32	—	—
Lacking central heating system	44	129	14	9	144	24	...	112	23	50	8	8
Lacking air conditioning	—	—	—	—	—	—	...	—	—	—	—	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	209	524	56	87	271	41	...	489	78	260	22	22
With a mortgage	184	450	56	82	252	41	...	96	262	67	201	22
Less than \$100	16	55	—	—	—	—	...	—	—	—	—	—
\$100 to \$199	9	87	17	4	98	32	...	12	38	—	8	8
\$200 to \$299	6	130	24	19	78	—	...	16	16	47	—	—
\$300 to \$399	553	\$320	\$388	\$345	\$372	\$363	...	\$725	\$261	\$477	\$348	\$475
\$400 to \$599	25	74	—	5	19	—	...	11	227	11	59	—
\$600 or more	\$133	\$115	—	\$63	\$91	—	...	\$113	\$138	\$105	\$123	—
Not mortgaged	—	—	—	—	—	—	...	—	—	—	—	—
GROSS RENT	198	490	127	67	195	51	...	148	323	136	81	81
Specified renter-occupied housing units ..	—	7	—	—	9	4	...	—	—	—	—	—
Less than \$80	—	—	—	—	—	—	...	—	—	—	—	—
\$80 to \$99	—	17	—	8	49	14	...	—	—	—	—	—
\$100 to \$149	15	33	10	41	31	—	...	26	—	—	—	—
\$150 to \$199	320	\$299	\$21	181	15	—	...	191	15	45	50	50
\$200 to \$299	43	140	65	18	20	6	...	37	—	—	—	—
\$300 to \$399	54	76	17	—	22	9	...	64	75	66	25	25
\$400 or more	7	—	—	—	—	—	...	—	—	—	—	—
No cash rent	303	\$291	\$318	\$173	\$181	\$152	...	\$388	\$366	\$402	\$383	\$383
Median	—	—	—	—	—	—	...	—	—	—	—	—

¹Persons of Spanish origin may be of any race.

Table 93. Structural Characteristics for Counties: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

Counties	Hawaii	Honolulu	Kauai	Mauai
YEAR STRUCTURE BUILD				
Year-round housing units	33 969	250 864	121	14 528
1979 to March 1980	2 913	9 349	—	3 364
1975 to 1978	5 592	29 399	—	2 656
1970 to 1974	7 541	50 527	—	2 181
1960 to 1969	5 192	74 750	10	1 183
1950 to 1959	3 183	45 246	13	1 879
1940 to 1949	2 475	21 312	4	1 725
1939 or earlier	6 073	168	94	2 555
Owner-occupied housing units	17 731	114 793	—	6 429
1979 to March 1980	1 414	3 796	—	485
1975 to 1978	3 280	12 721	—	1 177
1970 to 1974	3 690	25 163	—	1 354
1960 to 1969	2 939	35 548	—	1 117
1950 to 1959	1 901	21 270	—	1 046
1940 to 1949	1 254	8 108	—	585
1939 or earlier	3 053	8 187	—	665
Renter-occupied housing units	11 506	115 421	71	5 591
1979 to March 1980	413	1 885	—	191
1975 to 1978	1 306	12 780	—	545
1970 to 1974	2 387	20 689	—	383
1960 to 1969	1 730	33 968	8	854
1950 to 1959	1 069	21 791	11	745
1940 to 1949	1 162	12 235	1	1 037
1939 or earlier	3 239	12 073	52	1 636
BEDROOMS				
Year-round housing units	33 969	250 864	121	14 528
None	1 703	17 908	—	665
1	4 415	49 338	68	1 947
2	8 209	68 652	50	3 998
3	15 734	79 428	—	6 472
4	3 006	28 212	—	1 186
5 or more	802	7 326	3	260
Owner-occupied housing units	17 731	114 793	—	6 429
None	264	1 803	—	63
1	781	10 652	—	958
2	2 871	23 786	—	1 061
3	10 987	52 281	—	4 086
4	2 207	20 219	—	798
5 or more	621	6 052	—	162
Renter-occupied housing units	11 506	115 421	71	5 591
None	982	11 911	—	412
1	2 343	31 844	30	891
2	3 664	38 784	40	1 932
3	3 705	24 160	—	1 989
4	655	7 580	—	295
5 or more	157	1 142	1	72
STORIES IN STRUCTURE				
Year-round housing units	33 969	250 864	121	14 528
1 to 3	32 924	195 931	121	14 332
4 to 6	632	9 956	—	192
7 to 12	332	10 732	—	4
13 or more	81	34 245	—	—
PASSENGER ELEVATOR				
Year-round housing units	33 969	250 864	121	14 528
Structures with 4 or more stories	1 045	54 933	—	196
With elevator	689	50 306	—	156
UNITS IN STRUCTURE				
Year-round housing units	33 969	250 864	121	14 528
1, detached	25 213	105 995	115	10 296
2, detached	386	12 271	2	352
3	1 514	12 418	—	784
3 and 4	15 701	15 701	2	333
5 to 9	814	20 200	2	639
10 to 49	3 104	35 210	—	1 239
50 or more	2 284	48 801	—	866
Mobile home or trailer, etc.	68	268	—	19
Owner-occupied housing units	17 731	114 793	—	6 429
1, detached	16 717	78 738	—	5 722
1, attached	158	4 613	—	109
2	257	3 817	—	230
3	124	3 184	—	80
3 and 4	433	24 289	—	269
5 or more	42	152	—	19
Mobile home or trailer, etc.	—	—	—	8
Renter-occupied housing units	11 506	115 421	71	5 591
1, detached	6 492	24 282	67	3 818
1, attached	217	7 106	—	227
2	1 058	8 130	—	479
3	370	11 764	2	167
3 and 4	584	14 993	—	183
5 to 9	10 935	25 924	—	1 549
10 to 49	823	23 124	—	291
50 or more	27	98	—	—
Mobile home or trailer, etc.	—	—	—	37
UNITS IN STRUCTURE BY GROSS RENT				
Specified renter-occupied housing units	11 113	113 374	71	5 425
1, mobile home or trailer, etc.	6 343	29 439	69	3 879
Median gross rent	\$287	\$363	—	\$237
2 or more	4 770	83 935	2	1 546
Median gross rent	\$244	\$302	—	\$242

Table 94. Equipment and Plumbing Facilities for Counties: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Counties	Hawaii	Honolulu	Kalawao	Kauai	Mau
Year-round housing units	33 969	250 864	121	14 528	32 723
Complete kitchen facilities.....	32 081	244 932	96	13 912	31 754
BATHROOMS					
No bathroom or only a half bath.....	2 774	4 726	11	640	1 318
1 complete bathroom.....	13 615	123 193	105	7 192	16 998
1 complete bathroom plus half bath(s).....	5 870	36 101	—	2 534	4 823
2 or more complete bathrooms.....	11 710	86 844	5	4 162	9 594
SOURCE OF WATER					
Public system or private company.....	30 476	250 023	118	14 299	32 281
Individual drilled well.....	29	279	—	40	95
Individual dug well.....	7	33	—	19	34
Some other source.....	3 457	529	3	170	313
SEWAGE DISPOSAL					
Public sewer.....	10 349	232 523	2	4 360	23 467
Septic tank or cesspool.....	22 360	16 708	116	9 784	8 608
Other means.....	1 260	1 653	3	384	648
AIR CONDITIONING					
None.....	32 237	198 012	118	13 950	27 617
Central system.....	663	16 204	—	77	2 396
1 or more individual room units.....	1 069	36 648	3	501	2 710
HEATING EQUIPMENT					
Year-round housing units	33 969	250 864	121	14 528	32 723
Steam or hot water system.....	95	14 674	—	125	399
Central warm-air furnace.....	25	1 283	—	13	51
Electric heat pump.....	218	2 928	—	70	220
Other built-in electric units.....	733	5 383	—	24	249
Floor, wall, or pipeless furnace.....	—	144	—	—	27
Room heaters with flue.....	129	319	—	30	61
Room heaters without flue.....	119	167	—	10	11
Fireplaces, stoves, or portable room heaters.....	1 805	3 413	—	1 722	1 722
None.....	30 845	222 553	121	13 775	29 983
Owner-occupied housing units	17 731	114 793	—	6 429	12 963
Steam or hot water system.....	59	7 276	—	81	207
Central warm-air furnace.....	19	256	—	13	45
Electric heat pump.....	127	1 060	—	47	155
Other built-in electric units.....	559	1 612	—	14	169
Floor, wall, or pipeless furnace.....	—	71	—	—	14
Room heaters with flue.....	67	84	—	11	55
Room heaters without flue.....	98	38	—	—	11
Fireplaces, stoves, or portable room heaters.....	1 158	2 146	—	1 018	1 018
None.....	15 644	102 250	—	6 038	11 289
Renter-occupied housing units	11 506	115 421	71	5 591	9 547
Steam or hot water system.....	36	7 097	—	44	150
Central warm-air furnace.....	6	813	—	6	26
Electric heat pump.....	76	1 752	—	23	36
Other built-in electric units.....	156	3 572	—	10	80
Floor, wall, or pipeless furnace.....	—	62	—	—	13
Room heaters with flue.....	49	6 227	—	19	61
Room heaters without flue.....	120	120	—	—	—
Fireplaces, stoves, or portable room heaters.....	418	1 209	—	103	103
None.....	10 749	100 569	71	5 382	8 748
Occupied housing units	29 237	230 214	71	12 020	22 510
No telephone.....	2 450	9 274	9	964	1 798
VEHICLES AVAILABLE					
Total.....					
None.....	2 463	25 628	8	788	1 622
1.....	9 193	95 735	18	3 209	7 202
2.....	10 775	71 456	25	4 440	8 003
3 or more.....	6 806	37 395	20	3 583	5 683
Automobiles.....					
None.....	3 460	27 625	14	1 086	2 224
1.....	13 994	105 944	41	4 860	9 925
2.....	8 700	71 137	15	4 274	7 274
3 or more.....	3 083	25 508	1	1 808	3 087
Trucks or vans.....					
None.....	18 112	198 141	29	7 323	14 857
1.....	9 637	29 748	28	4 256	6 866
2.....	1 206	2 038	13	334	627
3 or more.....	262	287	1	107	160
YEAR HOUSEHOLDER MOVED INTO UNIT					
Owner-occupied housing units	17 731	114 793	—	6 429	12 963
1979 to March 1980.....	2 367	14 917	—	725	1 283
1975 to 1978.....	4 468	27 906	—	1 561	3 445
1970 to 1974.....	3 758	22 412	—	1 382	2 462
1960 to 1969.....	3 053	26 370	—	1 166	2 743
1950 to 1959.....	2 141	14 487	—	961	1 707
1949 or earlier.....	1 944	6 701	—	634	1 223
Renter-occupied housing units	11 506	115 421	71	5 591	9 547
1979 to March 1980.....	5 312	48 256	6	1 847	4 128
1975 to 1978.....	3 248	42 128	6	1 650	3 057
1970 to 1974.....	1 264	12 968	—	539	1 194
1960 to 1969.....	906	8 254	20	660	492
1959 or earlier.....	776	3 815	24	895	676
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER					
Occupied housing units	5 735	31 786	29	2 637	4 540
Owner-occupied housing units.....	4 102	20 015	—	1 680	3 205
Locking complete plumbing for exclusive use.....	298	506	—	143	167
No complete kitchen facilities.....	269	686	—	85	167
No vehicle available.....	1 344	8 902	—	429	819
No telephone.....	454	1 091	9	194	2 083
Locking central heating system.....	5 560	28 672	29	2 609	4 325
Locking air conditioning.....	5 605	26 652	26	2 515	4 253

Table 95. Fuels and Financial Characteristics for Counties: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.)

Counties	Hawaii	Honolulu	Kauai	Maui
Occupied housing units	29 237	230 214	71	12 020
HOUSE HEATING FUEL				
Utility gas	29	11 990	—	91
Bottled, tank, or LP gas	224	2 467	—	409
Electricity	1 230	10 883	—	172
Fuel oil, kerosene, etc.	301	435	—	186
Coal or coke	—	22	—	62
Wood	1 060	1 167	—	917
Other fuel	—	231	—	3
No fuel used	26 393	202 619	71	11 420
WATER HEATING FUEL				
Utility gas	2 690	41 185	—	458
Bottled, tank, or LP gas	8 100	9 089	—	4 003
Electricity	16 521	176 742	68	5 431
Fuel oil, kerosene, etc.	137	848	—	475
Other	1 077	1 644	—	1 107
No fuel used	712	706	3	146
COOKING FUEL				
Utility gas	2 383	33 839	—	536
Bottled, tank, or LP gas	9 145	6 890	—	4 804
Electricity	17 163	188 020	68	6 377
Fuel oil, kerosene, etc.	251	261	3	210
No fuel used	295	1 204	—	93
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS				
Specified owner-occupied housing units	15 844	77 587	—	5 527
With a mortgage	8 962	59 081	—	3 283
Less than \$100	95	242	—	21
\$100 to \$149	271	523	—	188
\$150 to \$199	515	1 732	—	42
\$200 to \$249	798	3 826	—	259
\$250 to \$299	1 252	5 381	—	300
\$300 to \$349	1 148	4 809	—	398
\$350 to \$399	944	4 875	—	530
\$400 to \$449	802	4 301	—	371
\$450 to \$499	730	4 404	—	330
\$500 to \$599	938	7 442	—	363
\$600 to \$749	837	8 937	—	430
\$750 or more	432	12 409	—	272
Median	\$371	\$494	—	\$411
Not mortgaged	6 882	18 506	—	4 026
Less than \$50	646	353	—	122
\$50 to \$74	1 476	1 789	—	356
\$75 to \$99	1 927	3 815	—	542
\$100 to \$149	2 016	7 716	—	765
\$150 to \$199	550	3 319	—	342
\$200 to \$249	150	1 022	—	77
\$250 or more	122	492	—	30
Median	\$92	\$119	—	\$106
GROSS RENT				
Specified renter-occupied housing units	11 113	113 374	71	5 425
Less than \$50	83	358	—	46
\$50 to \$59	192	542	—	91
\$60 to \$79	380	1 403	—	325
\$80 to \$99	565	1 415	—	410
\$100 to \$119	505	1 698	—	492
\$120 to \$149	433	2 401	—	270
\$150 to \$169	470	2 539	—	175
\$170 to \$199	563	5 680	—	266
\$200 to \$249	1 313	15 053	—	371
\$250 to \$299	1 201	15 139	—	447
\$300 to \$349	1 185	13 052	—	346
\$350 to \$399	922	12 658	—	337
\$400 to \$499	1 145	14 766	—	513
\$500 or more	799	13 311	—	656
No cash rent	1 357	13 159	71	660
Median	\$266	\$315	—	\$238
HOUSEHOLD INCOME IN 1979				
Occupied housing units	29 237	230 214	71	12 020
Median income	\$17 034	\$21 061	\$4 662	\$18 804
Owner-occupied housing units	17 731	114 793	—	6 429
Median income	\$20 901	\$30 237	—	\$23 840
Renter-occupied housing units	11 506	115 421	71	5 591
Median income	\$11 700	\$13 966	\$4 663	\$14 850
INCOME IN 1979 BELOW POVERTY LEVEL				
Owner-occupied housing units	1 320	3 991	—	270
Percent below poverty level	7.4	3.5	—	4.8
Complete plumbing for exclusive use	1 122	3 914	—	244
1.01 or more persons per room	83	651	—	27
Lacking complete plumbing for exclusive use	198	77	—	26
1.01 or more persons per room	66	14	—	14
Renter-occupied housing units	2 816	17 942	35	874
Percent below poverty level	24.5	49.3	—	15.6
Complete plumbing for exclusive use	2 344	17 299	32	801
1.01 or more persons per room	384	4 815	—	149
Lacking complete plumbing for exclusive use	472	643	3	73
1.01 or more persons per room	110	217	—	31

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Hawaii			Hawaii				
	Race			Race				
	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Esquima, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
YEAR STRUCTURE BUILT								
1979 to March 1980	1 037	732	80	2 122	119	8	3 348	266
1975 to 1979	2 270	2 192	238	11 997	949	113	11 928	1 547
1970 to 1974	2 958	3 322	474	19 411	1 114	218	24 335	2 632
1960 to 1969	1 644	2 355	264	6 644	607	172	41 011	1 617
1950 to 1959	988	2 118	163	15 729	118	175	25 742	2 678
1940 to 1949	795	1 544	196	7 567	388	77	11 896	979
1939 or earlier	1 872	4 256	432	6 783	236	78	12 823	988
BEDROOMS								
None	659	537	130	5 541	168	99	7 626	866
1	1 615	1 427	236	16 319	794	142	24 458	2 574
2	3 071	3 258	357	26 301	1 472	275	33 001	4 078
3	4	9 475	4	28 376	1 175	250	45 536	3 955
4	832	1 926	281	11 423	586	69	15 360	1 181
5 or more	277	496	27	1 962	50	6	5 102	270
UNITS IN STRUCTURE								
1, detached	8 611	14 048	1 336	32 452	620	233	68 340	4 749
1, attached	1 157	218	20	4 466	523	42	4 455	767
2	558	699	140	4 556	714	57	26 912	779
3 and 4	178	308	51	6 492	751	90	7 007	1 029
5 to 9	244	54	5	7 551	591	40	10 116	577
10 to 49	955	1 105	180	11 965	953	185	17 654	2 517
50 or more	616	327	69	19 838	791	174	16 498	1 603
Mobile home or trailer, etc.	55	14	—	152	—	—	98	20
UNITS IN STRUCTURE BY GROSS RENT								
Specified renter-occupied housing units	4 903	5 795	972	52 703	3 660	652	53 412	8 378
1, mobile home or trailer, etc.	2 784	3 338	527	14 566	630	132	13 434	2 164
Median gross rent	\$351	\$326	\$313	\$406	\$416	\$405	\$317	\$349
2 or more	2 119	2 457	445	38 137	3 030	520	39 978	6 214
Median gross rent	\$288	\$219	\$214	\$342	\$318	\$321	\$276	\$299
BATHROOMS								
No bathroom or only a half bath ..	1 077	1 065	138	1 233	95	42	2 902	377
1 complete bathroom	4 519	6 495	891	40 593	2 293	464	62 509	7 542
1 complete bathroom plus half bath ..	1 526	3 765	240	12 526	514	57	28 912	3 995
2 or more complete bathrooms	4 252	5 794	481	35 651	1 062	243	44 857	3 130
SOURCE OF WATER								
Public system or private company ..	9 494	16 258	1 701	89 389	4 429	841	130 617	12 794
Individual drilled well	5	24	—	65	—	—	174	54
Individual dug well	—	7	—	—	—	—	—	—
Some other source	1 875	830	149	228	8	—	274	76
HEATING EQUIPMENT								
Steam or hot water system	19	76	12	2 303	108	20	11 656	1 203
Central warm-air furnace	25	—	3	630	47	—	361	95
Electric heat pump	30	153	5	588	54	—	2 068	252
Other built-in electric units	239	472	23	2 183	377	7	4 482	453
Floor, wall, or pipeless furnace ..	—	—	—	37	22	—	74	31
Room heaters with fuel	—	45	—	32	19	—	245	10
Room heaters without fuel	48	46	—	89	8	—	61	13
Fireplaces, stoves, or portable room heaters	920	635	73	1 430	82	11	1 585	137
None	9 982	15 692	1 734	82 190	3 778	803	112 551	10 730
SELECTED CHARACTERISTICS								
No telephone	1 299	1 094	169	3 324	328	111	5 174	873
No complete kitchen facilities	700	1 020	78	10 520	260	52	20 206	1 078
Lacking air conditioning	10 815	16 717	1 784	66 684	3 179	655	110 822	10 994
Lacking public sewer	8 413	12 641	1 191	6 363	153	103	10 266	1 407
No vehicle available	620	1 535	214	10 058	493	159	14 273	1 776
YEAR HOUSEHOLDER MOVED INTO UNIT								
Owner-occupied housing units	6 327	11 184	861	34 057	642	183	76 694	4 415
1979 to March 1980	1 521	790	87	6 580	181	—	7 968	628
1975 to 1979	2 102	2 248	267	11 328	240	64	16 028	1 116
1970 to 1974	1 145	2 498	240	4 959	99	42	14 943	99
1960 to 1969	637	2 384	179	6 807	94	9	21 211	1 061
1950 to 1959	394	1 736	27	2 797	39	30	11 495	351
1949 or earlier	1 547	1 528	41	5 408	—	—	5 031	181
Renter-occupied housing units	5 147	5 935	989	53 455	3 783	658	54 387	8 509
1979 to March 1980	2 941	2 177	400	26 403	2 275	328	17 786	3 675
1975 to 1979	1 459	1 704	317	20 369	1 370	234	19 105	3 204
1970 to 1974	473	704	129	6 073	83	60	8 537	532
1960 to 1969	193	669	98	2 235	48	34	8 800	532
1959 or earlier	405	679	45	607	7	22	3 124	241
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER								
Owner-occupied housing units	1 254	3 890	173	11 094	157	44	20 118	1 342
Owner-occupied housing units	2 779	67	87	6 792	84	15	12 955	601
Lacking complete plumbing for exclusive use ..	30	268	9	67	—	—	409	45
No complete kitchen facilities	42	248	6	207	6	—	460	35
No vehicle available	264	1 048	76	3 455	50	15	5 213	461
No telephone	130	324	15	258	—	—	820	80
Lacking central heating system	1 688	371	173	10 453	181	47	17 675	1 247
Lacking air conditioning	1 665	3 855	173	10 058	97	37	17 965	1 139

¹Persons of Spanish origin may be of any race.

Table 96. **Plumbing, Equipment, and Structural Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Kauai			Mauai		
	Race		Spanish origin ¹	Race		Spanish origin ¹
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	
Occupied housing units	3 987	7 704	813	9 312	12 702	1 381
YEAR STRUCTURE BUILT						
1979 to March 1980	331	314	60	922	600	58
1975 to 1978	805	868	126	2 103	1 876	256
1970 to 1974	679	1 200	153	2 192	2 286	331
1960 to 1969	644	1 288	131	3 362	2 798	232
1950 to 1959	501	1 235	143	836	1 547	107
1940 to 1949	430	1 122	99	710	995	115
1939 or earlier	597	6 677	101	1 187	2 660	282
BEDROOMS						
None	221	236	43	552	608	33
1	495	618	81	2 008	1 584	278
2	1 117	1 756	245	2 631	2 513	319
3	1 778	4 152	369	3 228	2 988	548
4	292	780	61	746	1 435	151
5 or more	84	162	14	147	364	52
UNITS IN STRUCTURE						
1, detached	3 122	6 182	621	5 413	9 600	907
1, attached	107	221	22	198	279	64
2	253	423	57	360	550	57
3 and 4	43	204	15	266	384	42
5 to 6	74	176	24	432	421	71
10 to 49	206	310	58	1 280	791	129
50 or more	163	188	16	1 328	677	111
Mobile home or trailer, etc.	19	—	—	35	—	—
UNITS IN STRUCTURE BY GROSS RENT						
Specified renter-occupied housing units	2 082	3 197	330	4 694	4 418	620
1, mobile home or trailer, etc.	1 511	2 284	218	2 228	2 619	341
Median gross rent	\$363	\$143	\$372	\$412	\$233	\$279
2 or more	571	913	112	2 466	1 799	279
Median gross rent	\$298	\$203	\$219	\$447	\$272	\$389
BATHROOMS						
No bathroom or only a half bath ..	153	411	66	378	611	61
1 complete bathroom	1 855	3 709	385	4 591	6 000	758
1 complete bathroom plus half bath(s)	683	1 322	121	1 211	2 706	206
2 or more complete bathrooms ..	1 296	1 922	230	3 132	3 387	356
SOURCE OF WATER						
Public system or private company ..	3 904	7 591	807	9 032	12 610	1 371
Individual drilled well	26	7	—	54	13	—
Individual dug well	19	—	—	23	11	—
Some other source	38	106	6	203	68	10
HEATING EQUIPMENT						
Steam or hot water system	12	113	15	73	270	57
Central warm-air furnace	13	—	—	44	7	6
Electric heat pump	36	34	6	31	156	16
Other built-in electric units	—	24	6	102	147	7
Floor, wall, or pipeless furnace ..	—	—	—	16	11	—
Room heaters with flue	17	13	6	42	19	—
Room heaters without flue	—	10	—	6	5	—
Fireplaces, stoves, or portable room heaters	211	117	19	995	505	60
None	3 698	7 393	761	8 003	11 582	1 235
SELECTED CHARACTERISTICS						
No telephone	355	585	68	850	892	143
No complete kitchen facilities	190	173	24	305	364	21
Locking air conditioning	3 806	774	774	8 204	12 118	1 311
Locking public sewer	3 064	6 142	671	3 894	4 206	510
No vehicle available	196	569	42	549	1 062	77
YEAR HOUSEHOLDER MOVED INTO UNIT						
1 845 Owner-occupied housing units	4 424	463	4 482	8 220	752	
1979 to March 1980	311	64	696	575	82	
1975 to 1978	603	936	125	1 628	1 749	220
1970 to 1974	396	939	164	913	1 164	164
1960 to 1969	258	886	33	579	2 082	173
1950 to 1959	175	757	54	354	1 323	63
1949 or earlier	102	515	23	312	877	50
2 142 Renter-occupied housing units	4 830	350	4 482	629		
1979 to March 1980	1 051	449	106	2 595	1 378	243
1975 to 1978	651	956	116	1 562	1 446	215
1970 to 1974	174	328	65	471	1 011	115
1960 to 1969	150	492	56	104	382	19
1959 or earlier	116	759	37	98	575	36
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER						
Occupied housing units	478	2 091	124	1 456	2 996	210
Owner-occupied housing units	328	1 318	76	1 062	2 069	148
Locking complete plumbing for exclusive use ..	15	128	13	15	172	7
No complete kitchen facilities	17	68	—	31	129	—
No vehicle available	67	362	—	157	656	21
No telephone	24	170	11	60	223	73
Locking central heating system	464	2 069	124	1 369	2 568	199
Locking air conditioning	430	2 018	115	1 260	2 910	205

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980

[Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendices A and B]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Hawaii			Honolulu				
	Race			Race				
	White	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
Occupied housing units.....	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
HOUSE HEATING FUEL								
Utility gas.....	6	23	—	2 081	135	12	9 531	963
Bottled, tank, or LP gas.....	114	110	17	421	30	8	2 171	247
Electricity.....	409	817	55	3 961	478	7	6 084	899
Fuel oil, kerosene, etc.....	134	167	3	84	3	—	315	41
Coal or coke.....	—	—	—	—	—	—	15	—
Wood.....	729	310	46	857	21	11	266	29
Other fuel.....	—	—	—	81	—	—	150	15
No fuel used.....	9 982	15 692	1 734	82 190	3 778	803	112 551	10 730
WATER HEATING FUEL								
Utility gas.....	823	1 756	229	16 248	700	185	23 380	1 978
Bottled, tank, or LP gas.....	2 682	5 166	619	3 186	135	67	5 469	714
Electricity.....	6 985	9 174	899	68 768	3 578	557	100 583	10 132
Fuel oil, kerosene, etc.....	36	101	7	107	—	—	536	10
Other.....	447	622	39	724	11	17	892	67
No fuel used.....	401	300	23	220	4	15	464	23
COOKING FUEL								
Utility gas.....	665	1 623	210	10 969	403	170	21 515	1 847
Bottled, tank, or LP gas.....	3 066	5 841	636	1 969	102	23	4 617	646
Electricity.....	7 411	9 353	967	76 055	3 719	640	104 216	10 365
Other.....	128	123	11	181	—	—	181	25
No fuel used.....	104	179	26	614	21	8	554	41
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS								
Specified owner-occupied housing units.....	5 413	10 116	780	21 002	328	137	55 290	2 982
With a mortgage.....	3 147	5 630	516	16 997	265	119	41 080	2 440
Less than \$100.....	55	45	—	—	—	—	190	18
\$100 to \$149.....	125	146	27	129	146	—	493	10
\$150 to \$199.....	145	137	33	336	13	5	1 266	127
\$200 to \$249.....	204	245	45	850	34	9	2 893	187
\$250 to \$299.....	344	375	83	1 046	33	—	4 292	237
\$300 to \$349.....	328	392	119	927	7	13	3 813	183
\$350 to \$399.....	309	603	47	1 008	14	17	3 771	273
\$400 to \$449.....	308	447	40	952	10	7	3 287	186
\$450 to \$499.....	257	465	23	1 154	20	—	3 182	161
\$500 to \$599.....	335	591	57	2 058	43	32	5 278	400
\$600 to \$749.....	373	642	111	2 749	48	11	6 371	571
\$750 or more.....	364	245	11	5 546	76	25	6 675	417
Median.....	\$410	\$531	\$529	\$599	\$582	\$563	\$458	\$490
Not mortgaged.....	2 266	4 486	264	4 005	63	18	14 210	542
Less than \$40.....	340	296	12	100	—	—	253	13
\$50 to \$74.....	398	1 029	71	471	—	—	1 294	51
\$75 to \$99.....	524	1 364	90	751	—	—	2 996	101
\$100 to \$149.....	1 639	1 820	189	1 499	35	11	6 136	188
\$150 to \$199.....	208	342	—	233	19	—	2 533	158
\$200 to \$249.....	69	81	6	288	—	—	727	17
\$250 or more.....	68	79	—	221	—	—	64	—
Median.....	\$94	\$92	\$88	\$119	\$116	\$145	\$119	\$124
GROSS RENT								
Specified renter-occupied housing units.....	4 903	5 795	972	52 703	3 640	652	53 412	8 378
Less than \$50.....	20	58	11	80	—	—	260	16
\$50 to \$59.....	33	159	6	98	—	—	434	42
\$60 to \$79.....	88	263	53	300	8	—	1 081	100
\$80 to \$99.....	130	412	16	284	5	—	1 080	154
\$100 to \$119.....	119	350	34	373	9	5	1 298	154
\$120 to \$149.....	152	429	80	529	24	6	1 771	212
\$150 to \$169.....	162	299	41	407	17	29	1 694	257
\$170 to \$199.....	236	401	63	1 737	189	29	3 631	302
\$200 to \$249.....	560	527	157	6 010	446	80	8 116	1 128
\$250 to \$299.....	525	641	59	5 412	492	65	8 495	1 109
\$300 to \$349.....	387	565	162	5 735	306	77	6 768	1 208
\$350 to \$399.....	424	530	63	6 177	313	96	5 870	1 126
\$400 to \$499.....	695	384	105	7 959	512	87	5 931	988
\$500 or more.....	496	201	43	9 130	375	94	3 408	686
No cash rent.....	474	79	—	8 148	946	72	3 415	831
Median.....	\$316	\$226	\$246	\$358	\$324	\$342	\$284	\$361
HOUSEHOLD INCOME IN 1979								
Occupied housing units.....	11 374	17 119	1 850	89 682	4 445	841	131 083	12 924
Owner-occupied housing units.....	5 413	10 116	780	21 002	328	137	55 290	2 982
Owner-occupied housing units.....	6 227	11 881	861	36 057	662	133	76 696	4 415
Median income.....	\$19 536	\$21 751	\$18 438	\$30 054	\$21 700	\$26 033	\$30 535	\$26 210
Renter-occupied housing units.....	5 147	5 148	107	14 995	118	504	54 387	8 599
Median income.....	\$11 942	\$11 438	\$10 247	\$14 502	\$12 113	\$11 675	\$13 870	\$11 901
INCOME IN 1979 BELOW POVERTY LEVEL								
Owner-occupied housing units.....	582	697	59	1 429	50	10	2 404	315
Percent below poverty level.....	9.3	6.2	3.2	19.9	5.5	5.5	7.4	24.2
Complete plumbing for exclusive use.....	109	53	53	1 396	50	10	2 360	315
1.01 or more persons per room.....	9	74	—	116	10	—	520	103
Lacking complete plumbing for exclusive use.....	153	45	—	35	—	—	44	—
1.01 or more persons per room.....	66	—	—	—	—	—	—	—
Renter-occupied housing units.....	1 256	1 452	294	6 268	470	149	10 320	2 059
Percent below poverty level.....	24.4	24.5	29.7	21.7	12.4	22.6	19.0	24.2
Complete plumbing for exclusive use.....	1 041	1 212	240	6 099	420	140	9 460	2 013
1.01 or more persons per room.....	145	226	75	850	91	33	3 583	630
Lacking complete plumbing for exclusive use.....	215	240	34	170	—	9	456	46
1.01 or more persons per room.....	34	56	—	32	—	—	173	—

¹Persons of Spanish origin may be of any race.

Table 97. Fuels and Financial Characteristics of Housing Units With a Householder of the Specified Race or Spanish Origin Group for Counties: 1980—Con.

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

Counties [400 or More of the Specified Racial or Spanish Origin Group]	Kauai			Maui		
	Race		Spanish origin ¹	Race		Spanish origin ¹
	White	Asian and Pacific Islander		White	Asian and Pacific Islander	
Occupied housing units	3 987	7 704	813	9 312	12 702	1 381
HOUSE HEATING FUEL						
Utility gas	—	21	—	36	55	5
Bottled, tank, or LP gas	33	108	21	141	254	57
Electricity	98	74	12	355	497	51
Fuel oil, kerosene, etc.	—	62	—	107	—	6
Cool or coke	—	—	—	—	—	—
Wood	155	46	19	662	235	27
Other fuel	3	—	—	8	—	—
No fuel used	3 698	7 393	761	8 003	11 582	1 235
WATER HEATING FUEL						
Utility gas	127	307	39	166	322	44
Bottled, tank, or LP gas	1 212	3 030	348	1 725	2 705	382
Electricity	2 208	3 106	328	6 670	8 880	882
Fuel oil, kerosene, etc.	49	426	6	85	167	10
Other fuel	341	739	64	358	513	52
No fuel used	50	96	28	107	115	11
COOKING FUEL						
Utility gas	144	360	36	162	252	42
Bottled, tank, or LP gas	1 286	3 369	350	1 464	2 514	386
Electricity	2 467	3 762	417	7 416	9 552	939
Other	41	169	4	186	265	14
No fuel used	49	44	6	84	119	—
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
Specified owner-occupied housing units	1 564	3 832	384	3 068	6 865	616
With a mortgage	983	2 223	275	1 462	4 177	449
Less than \$100	—	21	—	12	34	6
\$100 to \$149	5	57	7	34	154	9
\$150 to \$199	37	141	20	110	442	25
\$200 to \$249	40	229	89	269	468	26
\$250 to \$299	60	236	17	186	457	50
\$300 to \$349	107	291	32	164	464	37
\$350 to \$399	58	243	40	227	393	54
\$400 to \$449	105	212	35	106	404	29
\$450 to \$499	109	213	37	79	260	109
\$500 to \$599	129	221	47	171	405	50
\$600 to \$749	172	248	33	289	313	49
\$750 or more	161	111	5	393	332	32
Median	\$486	\$378	\$431	\$451	\$356	\$388
Not mortgaged	581	1 609	109	1 228	2 738	167
Less than \$50	40	82	7	96	89	13
\$50 to \$74	84	259	13	233	633	37
\$75 to \$99	98	422	37	268	702	32
\$100 to \$149	193	553	39	445	8 972	51
\$150 to \$199	108	234	13	116	248	26
\$200 to \$249	13	14	—	46	85	8
\$250 or more	45	45	—	24	9	—
Median	\$112	\$104	\$98	\$102	\$98	\$101
GROSS RENT						
Specified renter-occupied housing units	2 082	3 197	330	4 694	4 418	620
Less than \$50	32	50	9	50	114	—
\$50 to \$59	—	—	—	—	—	—
\$60 to \$79	48	266	17	50	117	—
\$80 to \$99	113	385	5	46	277	34
\$100 to \$119	73	370	41	57	302	11
\$120 to \$149	73	188	9	70	242	19
\$150 to \$169	49	122	9	122	172	32
\$170 to \$199	109	157	9	168	208	51
\$200 to \$249	124	241	21	238	295	66
\$250 to \$299	216	178	18	283	316	48
\$300 to \$349	160	178	18	265	272	23
\$350 to \$399	148	164	25	408	301	56
\$400 to \$499	292	214	40	517	893	109
\$500 or more	474	140	43	1 529	464	84
No cash rent	224	425	50	472	705	87
Median	\$345	\$159	\$289	\$435	\$252	\$312
HOUSEHOLD INCOME IN 1979						
Owner-occupied housing units	3 987	7 704	813	9 312	12 702	1 381
Median income	\$19 266	\$18 810	\$14 705	\$18 342	\$21 455	\$17 855
Owner-occupied housing units	1 845	4 424	463	4 482	8 220	752
Median income	\$24 530	\$23 762	\$17 331	\$24 136	\$24 809	\$21 940
Renter-occupied housing units	2 142	3 280	350	4 830	4 482	629
Median income	\$15 837	\$14 526	\$11 680	\$14 119	\$14 864	\$12 530
INCOME IN 1979 BELOW POVERTY LEVEL						
Owner-occupied housing units	117	153	35	190	422	14
Percent below poverty level	6.3	3.5	7.6	4.2	5.1	1.9
Complete plumbing for exclusive use	98	146	35	183	407	14
1.01 or more persons per room	19	27	7	22	81	—
Lacking complete plumbing for exclusive use	—	—	—	—	15	—
1.01 or more persons per room	—	—	—	—	—	—
Renter-occupied housing units	313	514	80	982	808	151
Percent below poverty level	14.6	15.7	22.9	20.3	17.9	24.0
Complete plumbing for exclusive use	301	453	60	897	739	145
1.01 or more persons per room	30	112	13	115	198	61
Lacking complete plumbing for exclusive use	12	61	1	85	65	6
1.01 or more persons per room	—	31	15	6	—	—

¹Persons of Spanish origin may be of any race.

Table 98. **Occupancy, Utilization, Plumbing, and Financial Characteristics of Rural Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Counties	The State	Hawaii	Honolulu	Kauaia	Kauai	Molai
Total housing units	53 875	20 146	9 304	121	8 774	15 530
Vacant seasonal and migratory	896	234	234	21	8 483	118
Year-round housing units	52 979	19 912	9 051	121	8 743	15 412
YEAR-ROUND HOUSING UNITS						
Persons						
Total persons	129 968	52 033	27 459	144	21 390	28 942
Persons in occupied housing units	127 276	51 713	25 832	103	21 151	28 477
Per occupied housing unit	3 116	3 113	3 335	1.45	3 199	3 006
Owner-occupied housing units	71 657	33 449	9 399	1	11 997	16 413
Renter-occupied housing units	55 619	18 264	16 234	103	9 154	11 844
Tenure by Race and Spanish Origin of Householder						
Owner-occupied housing units	21 498	10 487	2 641	—	3 401	4 949
White	8 556	4 367	953	—	1 070	2 166
Black	56	—	—	—	—	—
Spanish origin ¹	1 347	553	174	—	302	318
Renter-occupied housing units	18 756	6 029	5 073	71	3 237	4 346
White	9 187	2 885	2 779	—	1 242	2 273
Black	152	28	100	—	19	743
Spanish origin ¹	1 465	433	527	—	204	301
Vacancy Status						
Vacant housing units	12 723	3 396	1 337	50	1 845	6 097
For sale only	458	169	138	—	26	125
Vacant less than 6 months	425	153	138	—	23	125
Vacant price asked	\$72 500	\$87 500	\$63 000	—	\$85 000	\$200000+
For rent	4 204	1 308	488	—	1 143	1 265
Vacant less than 2 months	3 070	3 070	1 013	—	1 038	1 265
Median rent asked	\$499	\$500+	\$324	—	\$500+	\$488
Other vacants	8 063	1 919	711	50	676	4 707
Plumbing Facilities						
Year-round housing units	32 979	19 912	9 051	121	8 483	15 412
Complete plumbing for exclusive use	49 996	17 962	8 902	116	8 206	14 809
Locking complete plumbing for exclusive use	2 983	1 949	5	—	277	603
Complete plumbing but used by another household	216	61	16	—	18	121
Some but not all plumbing facilities	1 826	1 123	213	2	159	326
No plumbing facilities	941	662	100	3	100	156
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
Complete plumbing for exclusive use	37 992	14 916	7 607	68	6 409	8 912
Locking complete plumbing for exclusive use	2 262	1 520	107	3	229	403
Complete plumbing but used by another household	175	55	16	—	15	89
Some but not all plumbing facilities	1 487	1 015	78	—	140	254
No plumbing facilities	600	450	13	3	74	60
VALUE						
Specified owner-occupied housing units	17 747	9 201	2 019	—	2 906	3 421
Less than \$10,000	293	194	10	—	12	77
\$10,000 to \$19,999	460	344	40	—	72	72
\$20,000 to \$29,999	831	35	35	—	119	112
\$30,000 to \$39,999	2 657	2 001	90	—	195	371
\$40,000 to \$49,999	6 748	3 786	691	—	1 216	1 055
\$50,000 to \$59,999	3 444	1 253	736	—	712	712
\$60,000 to \$69,999	1 542	536	239	—	275	492
\$70,000 to \$79,999	1 772	322	224	—	337	489
\$80,000 or more	\$82 300	\$65 200	\$109 400	—	\$95 600	\$106 400
CONTRACT RENT						
Specified renter-occupied housing units	17 935	5 651	4 894	71	3 136	4 183
Median	\$213	\$179	\$256	—	\$158	\$237
Rooms						
Year-round housing units	32 979	19 912	9 051	121	8 483	15 412
1 room	2 897	1 984	984	—	388	1 417
2 rooms	5 079	1 361	549	25	472	612
3 rooms	8 363	2 214	1 550	47	1 438	3 114
4 rooms	10 036	3 837	1 980	42	1 624	2 553
5 rooms	14 540	6 388	2 637	4	2 516	2 995
6 rooms	7 197	3 125	1 332	—	1 226	1 504
7 or more rooms	2 821	1 040	492	—	497	592
8 or more rooms	2 046	843	313	3	322	565
Median, year-round housing units	4.5	4.8	4.6	3.3	4.6	3.7
Median, occupied housing units	4.8	5.7	4.9	4.9	5.6	4.6
Median, owner-occupied housing units	5.2	5.3	5.3	—	5.2	5.1
Median, renter-occupied housing units	4.3	4.4	4.4	3.7	4.4	3.8
Persons in Unit						
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
1 person	6 446	2 071	1 002	39	1 049	1 485
2 persons	11 846	4 964	2 023	31	1 899	2 999
3 persons	7 385	2 930	1 620	1	1 217	1 617
4 persons	4 467	1 454	1 350	—	1 125	1 588
5 persons	3 841	823	411	—	326	755
6 persons	2 091	843	411	—	326	511
7 persons	1 297	511	320	—	218	448
8 or more persons	881	294	165	—	294	232
Median, occupied housing units	2.75	2.71	3.01	1.41	2.80	2.53
Median, owner-occupied housing units	2.94	3.52	2.83	3.03	2.77	2.77
Median, renter-occupied housing units	2.53	2.49	2.79	1.41	2.54	2.35
Persons Per Room						
Occupied housing units	40 254	16 516	7 714	71	6 438	9 315
1.00 or less	34 521	14 331	5 732	71	5 898	7 898
1.01 to 1.50	3 631	1 438	735	—	611	847
1.51 or more	2 102	747	490	—	295	570
Complete plumbing for exclusive use	37 992	14 996	7 607	68	6 409	8 912
1.00 or less	32 839	13 255	6 415	68	5 446	7 555
1.01 to 1.50	3 364	1 223	729	—	590	882
1.51 or more	1 789	518	463	—	273	535

¹Persons of Spanish origin may be of any race.

Table 99. **Occupancy, Utilization, and Plumbing Characteristics of Rural Farm Housing Units: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Counties	The State	Hawaii	Honolulu	Kauai	Molokai
Occupied housing units	1 412	889	230	71	222
PERSONS					
Total persons	4 523	2 821	843	163	696
Persons in occupied housing units	4 523	2 821	843	163	696
Per occupied housing unit	3.20	3.17	3.67	2.30	3.14
Owner-occupied housing units	3 152	1 777	662	116	597
Renter-occupied housing units	1 371	1 044	181	47	99
TENURE BY RACE AND SPANISH ORIGIN OF HOUSEHOLDER					
Owner-occupied housing units	1 015	620	166	51	178
White	294	163	37	17	...
Black .....	...	...	...	...	...
Spanish origin ¹	35	24	...	...	...
Renter-occupied housing units	397	269	64	20	44
White	114	70	20	...	...
Black .....	...	...	...	...	...
Spanish origin ¹	22	22	...	...	...
PLUMBING FACILITIES					
Owner-occupied housing units	1 015	620	166	51	178
Complete plumbing for exclusive use	964	576	166	51	171
Lacking complete plumbing for exclusive use	51	44	...	...	7
Complete plumbing but used by another household .....	...	...	...	...	...
Some but not all plumbing facilities	44	44	...	...	...
No plumbing facilities	7	...	...	...	7
Renter-occupied housing units	397	269	64	20	44
Complete plumbing for exclusive use	264	136	64	20	44
Lacking complete plumbing for exclusive use	133	133	...	...	...
Complete plumbing but used by another household .....	...	...	...	...	...
Some but not all plumbing facilities	119	119	...	...	...
No plumbing facilities	14	14	...	...	...
ROOMS					
1 room	31	5	...	12	14
2 rooms	65	46	3	15	16
3 rooms	126	101	18	...	7
4 rooms	217	115	48	10	44
5 rooms	351	231	60	3	29
6 rooms	241	168	27	6	40
7 rooms	213	129	44	12	28
8 or more rooms	168	94	30	...	44
Median, owner-occupied housing units	5.3	5.3	5.3	4.9	5.5
Median, owner-occupied housing units	5.5	5.5	5.7	4.7	5.6
Median, renter-occupied housing units	4.9	4.9	5.0	5.3	4.2
PERSONS IN UNIT					
1 person	171	82	28	25	36
2 persons	398	270	45	15	68
3 persons	292	184	47	10	51
4 persons	235	168	40	5	22
5 persons	131	61	34	9	27
6 persons	79	57	15	7	7
7 persons	97	62	21	...	...
8 or more persons	9	5	...	...	4
Median, owner-occupied housing units	2.97	3.00	3.39	2.20	2.64
Median, owner-occupied housing units	2.80	2.64	3.50	2.40	2.92
Median, renter-occupied housing units	3.44	3.86	3.21	1.27	1.50
PERSONS PER ROOM					
Owner-occupied housing units	1 015	620	166	51	178
0.50 or less	532	369	73	15	75
0.51 to 0.75	226	123	38	15	50
0.76 to 1.00	192	89	42	21	40
1.01 to 1.50	43	17	13	...	13
1.51 or more	22	22	...	...	...
Renter-occupied housing units	397	269	64	20	44
0.50 or less	128	58	20	13	37
0.51 to 0.75	77	57	20	...	...
0.76 to 1.00	87	58	15	7	7
1.01 to 1.50	92	83	9	...	...
1.51 or more	13	13	...	...	...
Complete plumbing for exclusive use	1 228	712	230	71	215
Owner-occupied housing units	964	576	166	51	171
1.00 or less	908	546	153	51	158
1.01 to 1.50	43	17	13	...	13
1.51 or more	13	13	...	...	...
Renter-occupied housing units	264	136	64	20	44
1.00 or less	218	99	55	20	44
1.01 to 1.50	41	32	9	...	...
1.51 or more	5	5	...	...	...

¹Persons of Spanish origin may be of any race.

Table 100. Selected Characteristics of Rural Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The State Counties	The State	Hawaii	Honolulu	Kauai	Maui
Year-round housing units	52 979	19 912	9 051	121	8 483
Complete kitchen facilities	50 204	18 501	8 711	76	8 050
UNITS IN STRUCTURE					
1	35 948	16 175	5 717	117	6 314
2 or more	16 915	3 690	3 327	4	7 166
Mobile home or trailer, etc.	116	47	7	19	43
HEATING EQUIPMENT					
Central heating system	1 344	340	459	—	161
Room heaters with flue	193	10	—	—	36
Room heaters without flue	116	95	—	—	10
Fireplaces, stoves, or portable room heaters ..	3 356	1 419	216	—	379
None	47 970	17 961	8 366	121	7 529
YEAR STRUCTURE BUILT					
1979 to March 1980	4 933	2 215	316	—	793
1975 to 1978	10 014	3 531	670	—	1 693
1970 to 1974	10 490	3 880	2 183	—	1 241
1960 to 1969	7 283	2 546	1 935	10	1 188
1940 to 1959	9 848	2 862	2 794	17	2 083
1939 or earlier	10 411	4 878	1 153	94	2 767
SOURCE OF WATER					
Public system or private company	48 702	16 469	8 874	118	8 263
Individual drilled well	239	29	90	—	87
Individual dug well	71	18	18	—	34
Some other source	3 967	3 414	69	3	168
SEWAGE DISPOSAL					
Public sewer	20 322	4 422	4 365	2	8 861
Septic tank or cesspool	30 662	14 269	4 605	116	6 070
Other means	1 995	1 221	81	3	209
AIR CONDITIONING					
None	48 679	19 303	8 241	118	8 161
Central system	2 312	227	350	—	30
1 or more individual room units ..	1 988	382	460	3	292
Occupied housing units	40 254	16 516	7 714	71	6 638
No telephone	3 733	1 696	520	9	543
YEAR HOUSEHOLDER MOVED INTO UNIT ..					
1979 to March 1980	10 791	4 337	2 658	6	1 342
1975 to 1978	10 848	4 231	2 090	6	1 660
1970 to 1974	6 890	2 988	1 175	15	1 101
1960 to 1969	5 136	2 236	1 072	20	876
1959 or earlier	6 589	2 724	719	24	1 438
HOUSE HEATING FUEL					
Utility gas	124	4	83	—	16
Bottled, tank, or LP gas	562	168	84	—	109
Electricity	1 382	426	426	—	201
Fuel oil, kerosene, etc.	490	278	—	—	62
Coal or coke	1 812	839	70	—	115
Wood	8	—	—	—	788
Other fuel	35 876	14 803	7 051	71	6 225
No fuel used	—	—	—	—	7 726
VEHICLES AVAILABLE					
Total					
None	2 890	1 196	673	8	355
1	13 023	4 853	3 190	18	1 774
2	14 627	6 355	2 360	25	3 372
3 or more	9 714	4 112	1 491	20	1 994
Trucks or vans					
None	24 167	8 912	5 602	29	3 741
1	14 113	6 484	1 915	28	2 645
2	1 579	922	155	13	184
3 or more	395	198	42	1	68
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER					
Occupied housing units	7 810	3 491	1 093	29	1 291
Owner-occupied housing units	5 179	2 409	515	749	1 306
Locking complete plumbing for exclusive use ..	483	225	36	3	87
No complete kitchen facilities	375	163	49	—	132
No vehicle available	1 424	710	237	8	165
No telephone	592	277	37	9	188
Locking central heating system	7 580	3 413	1 067	29	1 796
Locking air conditioning	7 592	3 445	1 049	26	1 872
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS					
Specified owner-occupied housing units ..	17 747	9 201	2 019	—	2 906
With a mortgage	9 924	4 732	1 483	1	1 723
Less than \$100	99	56	6	—	10
\$100 to \$199	961	575	67	—	90
\$200 to \$299	2 040	1 171	127	—	285
\$300 to \$399	2 148	1 067	282	—	358
\$400 to \$599	2 520	1 024	469	—	474
\$600 or more	2 156	753	488	—	427
Median	\$386	\$338	\$485	—	\$442
Not mortgaged	7 823	4 469	536	—	1 183
Median	\$93	\$86	\$101	—	\$101
GROSS RENT					
Specified renter-occupied housing units ..	17 935	5 651	4 894	71	3 136
Less than \$80	1 236	389	266	—	331
\$80 to \$99	1 224	270	270	—	270
\$100 to \$149	1 768	561	280	—	470
\$150 to \$199	1 194	433	291	—	184
\$200 to \$299	2 891	913	617	—	494
\$300 to \$399	2 417	759	909	—	355
\$400 or more	3 952	962	954	—	692
No cash rent	3 253	1 011	1 050	71	433
Median	\$267	\$244	\$292	—	\$227
MEDIAN HOUSEHOLD INCOME IN 1979 ..					
Occupied housing units	\$17 106	\$16 382	\$15 542	\$4 663	\$18 917
Owner-occupied housing units	\$17 307	\$16 732	\$15 946	—	\$18 917
Renter-occupied housing units	\$13 130	\$12 452	\$12 090	\$4 663	\$15 031

Table 101. Selected Characteristics of Rural Farm Housing Units: 1980

(Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B)

The State
Counties

	The State	Hawaii	Honolulu	Kauai	Molokai
Occupied housing units	1 412	889	230	71	222
Complete kitchen facilities	1 340	824	230	71	215
No telephone	126	100	—	12	14
UNITS IN STRUCTURE	1 314	839	212	62	201
2 or more	98	50	18	9	21
Mobile home or trailer, etc.	—	—	—	—	—
HEATING EQUIPMENT	20	12	8	—	—
Central heating system	12	7	—	—	5
Room heaters with flue	—	—	—	—	—
Room heaters without flue	—	—	—	—	—
Fireplaces, stoves, or portable room heaters	172	78	23	12	59
None	1 208	792	199	59	158
YEAR STRUCTURE BUILT	—	—	—	—	—
1979 to March 1980	27	14	—	6	7
1975 to 1978	121	209	18	17	53
1970 to 1974	163	90	58	—	6
1960 to 1969	210	40	40	—	17
1940 to 1959	233	114	464	29	86
1939 or earlier	339	278	—	10	31
SOURCE OF WATER	—	—	—	—	—
Public system or private company	1 125	643	212	71	199
Individual drilled well	—	—	—	—	—
Individual dug well	15	—	7	—	8
Some other source	272	246	11	—	15
SEWAGE DISPOSAL	—	—	—	—	—
Public sewer	25	18	7	—	—
Septic tank or cesspool	1 308	802	220	71	215
Other means	79	69	3	7	7
AIR CONDITIONING	1 400	889	218	71	222
None	—	—	—	—	—
Central system	—	—	—	—	—
1 or more individual room units	12	—	12	—	—
YEAR HOUSEHOLDER MOVED INTO UNIT	—	—	—	—	—
1979 to March 1980	112	84	6	6	16
1975 to 1978	270	207	66	22	75
1970 to 1974	119	30	30	9	30
1960 to 1969	276	171	70	13	22
1959 or earlier	466	308	58	21	79
HOUSE HEATING FUEL	—	—	—	—	—
Utility gas	4	4	—	—	—
Bottled, tank, or LP gas	21	8	8	—	5
Electricity	20	8	—	—	12
Fuel oil, kerosene, etc.	27	27	—	—	—
Cool or cake	—	—	—	—	—
Wood	132	50	23	12	47
Other fuel	—	—	—	—	—
No fuel used	1 208	792	199	59	158
VEHICLES AVAILABLE	—	—	—	—	—
Total	—	—	—	—	—
None	50	25	20	—	5
1	260	137	34	15	74
2	448	294	107	37	48
3 or more	654	433	107	19	95
Trucks or vans	—	—	—	—	—
None	485	309	88	3	85
1	731	432	129	68	102
2	111	90	5	—	16
3 or more	85	58	8	—	19
CHARACTERISTICS OF HOUSING UNITS WITH HOUSEHOLDER OR SPOUSE 65 YEARS AND OVER	—	—	—	—	—
Occupied housing units	366	198	90	19	59
Owner-occupied housing units	268	157	66	6	39
Lacking complete plumbing for exclusive use	25	25	—	—	—
No complete kitchen facilities	12	12	—	—	—
No vehicle available	45	20	20	—	5
No telephone	19	12	12	—	—
Lacking central heating system	361	193	90	19	59
Lacking air conditioning	354	198	78	19	59
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS	—	—	—	—	—
Specified owner-occupied housing units	517	332	87	28	70
With a mortgage	208	111	59	12	26
Less than \$100	6	—	6	—	—
\$100 to \$199	44	32	—	12	—
\$200 to \$299	15	15	—	—	—
\$300 to \$399	46	10	20	—	16
\$400 to \$599	42	37	—	—	—
\$600 or more	55	17	33	—	5
Median	\$373	\$388	\$685	\$163	\$341
Not mortgaged	309	28	16	—	14
Median	\$102	\$99	—	\$93	\$113
GROSS RENT	—	—	—	—	—
Specified renter-occupied housing units	261	177	61	—	23
Less than \$80	12	12	—	—	—
\$80 to \$99	24	24	—	—	—
\$100 to \$149	29	19	7	—	3
\$150 to \$199	6	12	—	—	—
\$200 to \$299	7	7	—	—	—
\$300 to \$399	27	27	—	—	—
\$400 or more	36	36	—	—	—
No cash rent	114	73	27	—	14
Median	\$197	\$144	\$289	—	\$500+
MEDIAN HOUSEHOLD INCOME IN 1979	—	—	—	—	—
Occupied housing units	\$20 733	\$18 985	\$26 087	\$15 893	\$25 370
Owner-occupied housing units	\$24 449	\$20 938	\$30 857	\$18 750	\$26 625
Renter-occupied housing units	\$16 947	\$16 861	\$21 250	\$6 923	\$14 167

Table 102. Selected Characteristics of American Indian Reservations: 1980

(The above table(s) were omitted because there were no qualifying areas)

Table B-1. Computer Allocation Rates for Nonresponse or Inconsistency: 1980

(Data are estimates based on a sample; see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.)

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's

The State	Total	Urban					Rural					
		Inside urbanized areas			Outside urbanized areas		Total	Places of 10,000 or more	Places of 2,500 to 10,000	Rural farm	Inside SMSA's	Outside SMSA's
		Total	Central cities	Urban fringe	Places of 10,000 or more	Places of 2,500 to 10,000						
332 205	279 226	228 145	161 505	66 640	19 362	31 719	52 979	13 988	1 412	250 844	81 341	
6.4	5.9	5.8	6.1	5.0	3.5	8.5	8.9	6.8	3.0	6.1	7.5	
0.4	0.3	0.2	0.3	0.2	0.4	0.6	0.9	0.3	—	0.2	0.8	
0.9	0.7	0.6	0.7	0.4	0.4	1.8	1.8	1.4	0.4	0.8	1.8	
1.0	1.0	0.9	0.8	1.0	0.6	1.9	1.5	1.6	0.9	1.4	0.9	
1.6	1.6	1.7	1.7	1.6	1.0	1.6	1.4	0.8	—	1.8	1.1	
1.1	1.2	1.3	1.3	1.3	0.4	1.2	0.9	0.7	0.4	1.3	0.6	
0.6	0.5	0.5	0.6	0.4	0.1	0.6	0.8	0.8	0.6	0.6	0.5	
0.8	0.7	0.6	0.7	0.3	0.6	0.9	1.6	1.1	0.8	0.7	1.2	
4.6	4.0	3.7	4.0	2.9	2.8	6.6	7.7	6.0	1.8	3.9	6.7	
0.1	0.2	0.2	0.2	0.1	0.1	0.1	—	0.1	—	0.2	—	
0.1	0.1	0.1	0.1	—	—	—	—	—	—	0.1	—	
0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	—	0.2	0.1	
0.2	0.2	0.3	0.2	0.3	0.1	0.2	—	—	—	0.3	—	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	0.1	—	—	—	—	—	—	
0.2	0.1	0.2	0.1	0.2	—	0.1	0.5	—	—	0.2	0.3	
3.7	3.1	2.8	3.1	2.0	2.4	6.1	6.9	5.9	1.8	3.0	6.1	
15.3	15.4	15.9	16.7	14.2	11.6	14.1	14.5	11.9	10.8	15.9	13.4	
3.9	4.0	4.2	5.5	0.9	4.4	2.7	3.2	3.0	1.3	4.0	3.5	
5.3	5.5	5.9	6.3	4.9	2.4	4.3	4.3	4.1	3.0	5.8	3.8	
4.2	4.3	4.4	3.5	6.0	3.0	4.7	4.3	3.0	4.3	3.8	4.8	
1.6	1.5	1.4	1.1	2.0	1.5	2.1	2.2	1.5	1.8	1.5	1.9	
0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.4	0.3	0.4	0.2	0.3	
—	—	—	—	—	0.1	—	—	—	—	—	—	
11.9	11.0	9.9	9.7	10.3	10.3	19.3	16.6	15.4	6.5	10.9	14.8	
1.4	0.8	0.6	0.5	0.8	1.3	2.0	4.1	3.5	2.3	0.8	3.0	
0.1	0.1	0.1	0.1	0.1	—	0.3	0.2	0.3	—	0.1	0.2	
1.5	1.3	1.3	1.3	1.2	0.9	2.5	2.1	1.4	2.9	1.4	1.8	
1.4	1.5	1.5	1.3	2.0	1.6	1.3	1.2	1.0	1.3	1.6	0.9	
1.9	1.8	1.9	1.4	2.9	0.7	2.4	1.9	2.4	—	2.1	1.3	
3.3	3.1	2.8	2.9	2.3	2.8	5.7	4.4	4.7	—	3.0	4.2	
2.3	2.2	1.8	2.1	0.9	2.9	5.2	2.6	2.0	—	1.9	2.4	
—	—	—	—	—	0.1	—	0.1	—	—	—	—	
4.4	3.6	3.2	3.6	2.2	3.0	6.5	8.6	7.1	6.9	3.4	7.2	
1.2	1.0	1.0	1.1	0.7	0.9	0.7	2.5	1.9	5.5	1.0	1.9	
1.9	1.8	1.3	1.7	0.6	1.1	3.8	3.3	3.0	1.1	1.5	2.9	
0.4	0.3	0.2	0.2	0.3	0.5	0.6	0.8	0.6	0.4	0.3	0.7	
0.9	0.7	0.6	0.7	0.6	0.5	1.3	2.0	1.7	—	0.6	1.7	
4.3	3.5	2.9	3.3	2.1	3.1	8.2	8.6	6.5	1.4	3.4	7.2	
3.8	3.2	2.6	2.9	1.8	2.6	7.8	7.2	5.6	0.8	3.0	6.2	
0.5	0.4	0.4	0.4	0.4	0.6	0.4	1.4	1.0	0.6	0.4	1.0	
3.6	2.9	2.5	2.9	1.5	2.3	6.0	7.6	6.8	0.8	2.7	6.4	
2.7	2.1	1.7	1.8	1.3	2.0	4.8	6.2	5.6	0.8	1.9	5.1	
0.4	0.3	0.3	0.4	—	—	0.5	0.9	0.3	—	0.3	0.8	
0.5	0.5	0.5	0.6	0.2	0.2	0.6	0.5	0.9	—	0.5	0.5	
3.5	2.7	2.3	2.7	1.4	2.2	6.1	7.3	5.3	2.4	2.6	6.0	
3.3	2.7	2.3	2.7	1.4	2.1	6.0	6.3	5.2	2.4	2.6	5.4	
—	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
0.2	—	—	—	—	—	—	0.9	0.1	—	—	0.6	
7.3	4.4	3.3	3.4	2.9	5.1	12.3	22.7	29.6	2.5	4.2	17.0	
6.3	4.0	3.0	3.1	2.6	4.3	10.9	18.5	26.3	—	3.8	14.1	
0.7	0.2	0.1	—	0.2	0.5	1.2	3.3	2.8	1.3	0.3	2.2	
0.3	0.2	0.2	0.3	0.1	0.3	0.2	0.9	0.5	1.2	0.2	0.7	
3.7	3.0	2.7	2.9	2.0	2.4	6.0	7.2	5.4	1.9	2.9	6.1	
2.8	2.2	1.8	1.8	1.9	1.9	4.7	6.4	5.0	1.9	2.1	5.1	
0.2	0.2	0.1	0.2	—	0.3	0.6	0.4	0.4	—	0.1	0.5	
0.3	0.3	0.2	0.3	—	0.2	0.6	0.4	0.1	—	0.2	0.5	
0.3	0.4	0.5	0.7	—	—	0.1	—	—	—	0.5	—	
1.3	1.4	1.4	1.8	0.3	0.8	1.8	0.9	0.6	—	1.3	1.3	
1.2	1.3	1.3	1.7	0.3	0.5	1.8	0.8	0.4	—	1.2	1.1	
0.1	0.1	0.1	0.1	—	0.3	—	0.1	0.2	—	0.1	0.1	
294 052	253 798	210 478	146 015	64 663	18 408	24 712	40 254	10 208	1 412	230 214	63 838	
8.4	7.5	6.9	7.4	6.0	8.4	11.9	14.0	13.0	9.6	7.2	12.9	
3.4	3.2	3.0	3.6	1.8	3.0	4.5	4.8	5.3	3.5	3.1	4.5	
3.6	3.1	2.7	2.9	2.9	3.9	5.7	6.9	5.8	5.0	2.9	4.3	
1.1	0.9	0.9	0.8	0.9	0.9	1.4	1.8	1.7	1.0	0.9	1.6	
0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.4	0.2	—	0.3	0.5	
2.1	1.9	1.8	2.0	1.4	2.0	2.7	3.3	2.1	1.8	1.9	2.8	
1.7	1.8	1.9	1.8	1.3	1.9	2.3	3.0	1.9	1.8	1.7	2.6	
0.2	0.2	0.1	0.2	0.1	0.1	0.4	0.3	0.1	—	0.2	0.3	
18.7	20.2	22.2	22.3	22.1	10.5	10.6	9.1	6.8	6.0	21.4	9.0	
3.4	3.9	4.6	5.0	3.9	0.5	0.2	0.2	0.2	—	4.3	0.2	
0.9	0.9	0.9	0.6	1.7	0.9	0.9	0.6	0.4	0.8	0.7	1.0	
0.6	0.6	0.6	0.6	0.7	0.4	0.2	0.4	0.2	—	0.6	0.3	
0.1	0.1	—	—	0.5	—	—	0.1	—	—	0.2	0.1	
—	—	—	—	—	—	—	—	—	—	—	—	
0.1	0.1	—	—	0.1	—	0.1	0.3	—	0.6	—	0.2	
0.1	0.1	0.1	0.1	0.1	—	—	—	—	—	0.1	—	
13.6	14.6	15.7	17.5	15.2	8.7	9.1	7.4	6.1	4.7	15.3	7.5	
5.2	4.8	4.1	4.6	4.1	6.2	5.7	7.6	8.8	8.0	4.4	7.3	
2.0	1.8	1.7	1.9	1.4	1.7	2.3	3.2	2.0	1.9	1.8	2.7	
4.6	4.1	3.9	4.4	2.8	5.5	5.0	7.2	5.2	8.2	4.0	6.4	
1.0	0.9	0.9	1.0	0.6	0.6	0.9	1.4	0.7	0.5	0.9	1.1	
1.0	1.0	0.9	1.0	0.7	1.3	1.0	1.1	0.5	0.4	0.9	1.1	
0.6	0.5	0.5	0.5	0.5	0.8	0.7	1.0	0.7	0.6	0.5	0.8	
0.3	0.5	0.5	0.5	0.4	0.6	0.6	0.5	0.5	0.4	0.5	0.5	
0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.4	
1.3	1.1	0.9	1.2	0.4	2.1	1.3	2.7	2.7	5.9	0.9	2.6	

Table B-2. **Computer Allocation Rates for Nonresponse or Inconsistency for Areas, Places of 2,500 or More, and Counties: 1980**

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

**The State
Urban and Rural and Size
of Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties**

The State Urban and Rural and Size of Place Inside and Outside SMSA's SCSA's SMSA's Urbanized Areas Places of 2,500 or More Counties	Total (number)	Year-round housing units											Occupied housing units						
		Percent allocations											Percent allocations						
		Year struc- ture	Heat- ing equip- ment	Units in struc- ture	Bed- rooms	Kit- chen equip- ment	Bath- rooms	Water of source	Sewage dis- posal	Stor- ies in struc- ture	Pass- enger ele- vation	Air con- dition- ing	House- hold fuel	Water- heat- ing fuel	Coal- ing fuel	Year house- holder moved	Ve- hicles avail- able	Tele- phone in house- hold	
The State	332 205	6.4	4.6	11.9	15.3	4.3	4.4	3.5	7.3	3.7	2.4	3.6	294 052	18.7	5.2	2.0	4.6	8.4	2.1
URBAN AND RURAL AND SIZE OF PLACE																			
Urban	279 226	5.9	4.0	11.0	15.4	3.5	3.6	2.7	4.4	3.7	2.5	2.9	253 798	20.2	4.8	1.8	4.1	7.5	1.9
Inside urbanized areas	228 145	5.7	3.7	9.9	15.9	2.9	3.2	2.3	3.6	3.7	2.5	2.5	210 678	22.2	4.5	1.7	3.9	6.9	
Central cities	161 505	6.1	4.0	9.7	16.7	3.3	3.6	2.7	3.4	3.9	3.4	2.9	146 015	22.3	4.8	1.9	4.4	7.4	2.0
Urban fringe	66 640	5.0	2.9	10.3	14.2	2.1	2.2	1.4	2.9	2.0	0.5	1.5	64 663	22.1	4.1	1.4	2.8	6.0	1.4
Outside urbanized areas	51 061	6.1	5.9	12.9	13.1	5.1	1.1	1.7	4.1	12.0	2.5	2.5	45 120	15.1	5.2	2.5	5.8	10.0	1.5
Places of 10,000 or more	19 362	3.5	2.8	10.3	11.6	3.1	3.0	2.2	5.1	24.0	1.0	1.3	18 408	10.5	6.2	1.7	5.5	6.4	4.0
Places of 2,500 to 10,000	31 719	6.5	6.6	19.3	14.1	8.2	6.5	6.1	12.3	6.0	3.5	6.0	24 712	10.6	5.7	2.3	5.0	11.9	2.7
Rural	52 979	8.7	7.7	16.6	14.5	8.6	8.6	7.3	22.7	7.2	1.6	7.6	40 254	9.1	7.4	3.2	7.2	14.0	3.8
Places of 1,000 to 2,500	13 978	6.8	6.0	15.4	11.9	6.5	7.1	5.3	29.6	5.4	0.8	6.8	10 209	6.8	8.8	2.0	5.2	13.0	2.1
Other rural	38 991	9.7	8.2	17.0	15.5	9.3	9.1	8.0	20.2	7.9	1.9	7.9	30 046	9.9	7.2	3.6	7.8	14.3	3.8
Farm	1 412	3.0	1.8	6.5	10.8	1.4	6.9	2.4	2.5	1.9	—	0.8	1 412	6.0	8.0	1.9	8.2	9.6	1.8
INSIDE AND OUTSIDE SMSA'S																			
Inside SMSA's	250 864	6.1	3.9	10.9	15.9	3.4	3.4	2.6	4.2	2.9	2.4	2.7	230 214	21.4	4.6	1.8	4.0	7.2	1.9
Urban	211 913	6.0	3.8	10.5	16.0	3.3	3.4	2.5	3.7	2.8	2.5	2.6	222 500	21.7	4.6	1.7	3.9	7.1	1.9
Central cities	141 865	6.5	4.2	9.8	17.4	3.4	3.8	2.6	3.4	3.0	3.8	3.0	127 139	22.4	5.0	1.9	4.6	7.4	2.1
Not in central cities	69 948	5.2	3.3	11.5	13.9	3.7	3.7	2.4	4.1	2.6	0.7	2.1	95 361	20.8	4.1	1.5	3.1	6.7	1.6
Outside SMSA's	99 051	9.0	8.6	19.8	13.8	6.9	5.2	9.5	12.0	12.5	4.1	4.9	77 714	10.6	6.5	2.1	5.1	10.7	2.5
Urban	81 348	7.5	6.7	14.8	13.4	7.2	7.2	6.0	17.0	6.1	2.2	6.4	63 838	9.0	7.3	2.7	6.6	12.9	2.8
Rural	17 703	5.9	4.9	14.4	11.8	5.1	5.0	4.2	9.2	4.2	2.7	4.3	31 873	9.7	6.4	2.1	5.6	10.6	2.3
Farm	43 928	8.9	8.2	15.1	14.7	8.9	9.1	7.5	23.6	7.6	1.8	8.2	32 540	8.3	8.1	3.3	7.5	15.0	3.3
SMSA'S																			
Honolulu, Hawaii	250 864	6.1	3.9	10.9	15.9	3.4	3.4	2.6	4.2	2.9	2.4	2.7	230 214	21.4	4.6	1.8	4.0	7.2	1.9
Urban	241 813	6.0	3.8	10.5	16.0	3.3	3.4	2.5	3.7	2.8	2.5	2.6	222 500	21.7	4.6	1.7	3.9	7.1	1.9
Rural	9 051	9.0	5.0	23.6	13.8	6.9	5.8	6.1	18.3	5.1	0.5	4.7	7 714	12.5	5.5	2.8	5.8	9.7	3.4
URBANIZED AREAS																			
Honolulu, Hawaii	198 895	6.0	3.7	9.7	16.5	2.9	3.3	2.2	3.1	2.6	2.8	2.5	182 516	22.5	4.7	1.7	4.0	6.8	1.8
Kailua-Kaneohe, Hawaii	29 245	4.7	3.6	11.0	12.2	3.1	2.7	3.2	4.1	2.7	0.3	2.3	28 162	20.3	3.9	2.0	3.6	7.8	1.8
PLACES OF 2,500 OR MORE																			
Ahihama (CDP)	1 859	6.3	8.1	10.9	11.9	3.1	3.7	3.4	4.4	3.8	—	3.6	1 763	17.5	3.7	2.8	3.2	9.2	2.7
Aiea (CDP)	10 155	3.8	2.4	7.9	13.3	1.6	1.9	1.1	1.9	1.6	1.6	1.1	9 648	20.9	4.9	0.9	3.4	5.3	0.8
Ewa (CDP)	5 522	5.2	5.2	9.1	30.3	1.5	1.5	1.8	1.1	3.8	—	—	5 365	32.3	4.2	5.0	5.0	12.2	1.3
Ewa Beach (CDP)	3 456	5.1	3.1	14.8	23.6	2.5	2.7	1.9	12.3	3.9	—	1.8	3 365	34.8	6.2	2.5	2.7	9.6	1.5
Honolulu (CDP)	832	3.1	2.2	13.2	17.9	3.7	8.5	0.6	4.3	2.2	—	2.7	827	1.1	3.5	2.9	4.8	11.7	2.7
Honolulu (City)	861	10.5	10.3	28.3	20.9	6.9	6.5	10.2	17.7	14.8	10.3	10.3	716	17.0	20.4	1.9	10.0	25.5	1.9
Hono (CDP)	1 550	3.8	1.7	8.0	12.0	1.3	1.0	0.3	1.0	—	—	—	1 522	20.9	2.4	0.7	1.6	5.8	1.2
Hikam (CDP)	422	4.4	7.2	7.7	3.5	—	1.5	0.5	0.4	0.2	—	0.8	1 302	8.4	1.2	0.3	0.5	3.3	0.8
Hikam Housing (CDP)	11 763	6.6	2.2	6.6	7.5	2.6	2.0	1.7	1.6	0.3	—	1.1	11 191	31.1	1.9	5.1	7.4	1.0	1.9
Kalihi (CDP)	141 865	6.5	4.2	9.8	17.4	3.4	3.8	2.6	3.4	3.0	3.8	3.0	127 139	22.4	5.0	1.9	4.6	7.4	2.1
Ikaika Point (CDP)	1 081	6.7	4.6	24.0	2.0	0.6	1.5	0.6	0.6	0.6	—	1.1	1 081	14.0	1.1	0.6	1.5	3.9	0.9
Kahului (CDP)	914	19.4	9.3	24.1	32.4	10.4	8.8	5.7	9.2	7.5	—	9.1	838	8.1	1.6	3.9	5.6	5.3	1.6
Kailua (CDP)	21 913	5.2	4.8	11.9	16.6	4.6	4.7	3.7	19.7	4.4	4.1	3.0	21 320	14.4	1.9	4.2	10.8	1.5	0.8
Kailua (CDP), Hawaii County	2 294	4.1	3.0	15.9	8.5	2.6	3.1	4.1	16.6	2.7	—	3.5	1 530	4.2	2.3	2.0	3.2	13.4	2.0
Kailua (CDP), Honolulu County	11 17	3.1	2.7	9.9	8.8	2.2	2.3	5.1	5.4	1.9	0.3	1.8	10 662	18.6	4.5	2.3	4.3	8.5	2.5
Kalaheo (CDP)	867	4.8	2.2	21.4	9.3	3.7	2.6	1.7	14.8	1.7	—	1.2	822	9.3	7.4	1.7	4.1	13.0	1.9
Kaneohe (CDP)	8 523	3.8	3.5	8.9	14.4	2.9	2.3	1.3	1.6	3.2	0.8	2.4	8 214	24.8	3.0	1.3	2.5	5.9	0.8
Kapaou (CDP)	1 820	17.5	15.9	30.9	21.3	15.3	15.2	15.2	29.1	15.3	—	15.0	1 425	13.3	7.3	2.7	10.0	15.3	2.2
Kapapa (CDP)	90	7.0	3.0	5.8	5.3	2.8	5.4	5.3	3.0	3.0	—	2.5	819	2.8	3.4	0.7	3.8	17.1	1.3
Khee (CDP)	5 099	7.2	6.4	21.1	8.8	7.1	5.7	6.3	8.8	6.1	11.8	5.5	1 936	5.8	9.2	0.6	2.5	7.7	1.5
Lahaina (CDP)	178	18.3	17.7	21.3	25.0	17.3	17.6	12.0	17.5	12.7	9.3	16.4	1 978	22.1	12.5	8.9	12.2	20.7	9.3
Lale (CDP)	899	6.0	2.9	18.9	35.9	6.6	4.6	5.8	14.2	1.8	—	3.6	823	12.3	11.1	3.3	3.6	10.3	1.7
Likiep (CDP)	31 988	2.3	0.9	11.5	10.0	1.9	1.6	2.9	6.8	1.8	0.5	0.6	1 389	7.7	7.1	0.5	3.7	5.6	0.3
Mali (CDP)	378	17.9	9.9	20.0	12.7	9.9	7.8	7.9	8.7	13.2	0.7	8.9	1 264	12.3	1.4	—	3.6	22.5	3.2
Makaha (CDP)	3 192	13.8	11.1	28.5	21.9	24.1	11.2	11.6	18.0	11.6	6.0	10.3	2 010	8.7	6.5	3.9	5.9	8.5	5.3
Makawae (CDP)	1 423	2.1	0.2	9.1	4.5	2.4	0.7	0.2	0.4	0.2	0.2	0.2	1 136	5.5	2.6	0.7	1.2	4.4	0.4
Makawae (CDP)	980	10.4	9.6	14.5	16.8	8.6	8.6	9.4	13.3	8.6	—	8.6	885	6.9	5.5	3.7	7.8	18.6	3.7
Manawao (CDP)	1 423	1.5	0.8	3.4	4.9	1.4	0.6	—	—	—	—	—	1 407	13.7	4.3	0.6	0.6	4.7	0.4
Manawao (CDP)	1 423	1.5	0.8	3.4	4.9	1.4	0.6	—	—	—	—	—	1 407	13.7	4.3	0.6	0.6	4.7	0.4
Makani (CDP)	1 889	7.9	2.0	24.4	4.8	4.2	2.3	1.9	2.0	1.8	—	1.6	1 854	12.4	4.2	2.7	4.2	8.7	2.0
Nanukali (CDP)	1 828	4.0	3.2	15.8	14.5	4.8	2.3	1.5	11.1	1.9	1.3	1.7	1 828	11.4	4.8	1.6	4.9	6.1	1.6
Peeli City (CDP)	11 966	2.5	2.9	7.7	15.5	1.3	1.1	0.9	1.4	1.8	0.1	0.8	11 139	26.6	5.1	1.1	1.4	4.7	0.6
Pukalani (CDP)	16	2.0	1.0	2.6	1.4	—	—	—	—	—	—	—	1 179	0.4	—	—	—	—	—
Schofield Barracks (CDP)	5 583	7.2	3.1	13.2	4.7	1.5	1.5	1.3	2.5	0.5	—	1.1	3 415	14.4	2.3	0.6	1.8	5.8	1.5
Wahiawa (CDP)	5 546	5.2	1.5	7.7	13.4	1.6	3.2	1.0	2.0	1.6	0.4	0.9	5 367	23.8	2.9	1.1	4.3	5.0	1.9
Wahiawa (CDP)	16	2.0	1.0	2.6	1.4	—	—	—	—	—	—	—	1 179	0.4	—	—	—	—	—
Waiwae (CDP)	2 081	8.5	7.0	24.2	20.6	4.2	4.7	4.8	7.8	4.7	3.4	3.8	1 943	30.9	5.8	1.8	4.0	11.6	0.7
Waikeolu (CDP)	6 811	4.3	2.7	11.5	16.1	3.1	4.2	2.3	4.0	2.9	1.1	2.4	3 385	7.0	7.0	0.6	8.6	8.9	1.6
Waimanalo (CDP)	823	8.0	8.6	16.4	32.7	6.0	6.0	4.9	8.4	6.1	—	5.2	12 020	7.8	1.3	4.2	13.8	1.3	1.3
Waimanalo Beach (CDP)	981	8.5	9.0	16.7	19.7	6.5	6.4	5.4	14.7	6.1	—	4.5	949	30.0	8.5	13.0	18.0	1.6	1.6
Waipahu (CDP)	7 120	8.7	2.6	8.0	22.8	2.2	2.5	1.5	2.9	2.0	0.8	1.3	6 939	27.8	3.5	0.9	3.2	7.3	2.4
Waipioa Acres (CDP)	1 433	3.1	2.7	6.8	11.8	2.6	1.5	1.5	2.4	0.5	0.3	0.8	1 35						

Appendix A.—Area Classifications

STATES	A-1
COUNTIES	A-1
PLACES	A-1
Incorporated Places	A-1
Census Designated Places	A-1
Towns/Townships	A-2
URBAN AND RURAL	
RESIDENCE	A-2
Farm-Nonfarm Residence	A-2
Extended Cities	A-2
URBANIZED AREAS	A-2
Definition	A-2
Urbanized Area Titles	A-3
Urbanized Area Central Cities ..	A-3
STANDARD METROPOLITAN	
STATISTICAL AREAS	A-3
Definition	A-3
SMSA Titles	A-3
New SMSA Standards	A-3
STANDARD CONSOLIDATED	
STATISTICAL AREAS	A-4
RELATIONSHIP BETWEEN	
URBANIZED AREAS AND	
METROPOLITAN AREAS	A-4
AMERICAN INDIAN	
RESERVATIONS	A-4
ALASKA NATIVE VILLAGES ..	A-4
BOUNDARY CHANGES	A-5
AREA MEASUREMENTS	A-5

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Mis-

souri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below.

In this report, central cities of standard metropolitan statistical areas, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000. Places with a 1980 population below 2,500 are not shown in this report.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six New England States, New York, and Wisconsin. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as Minor Civil Divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

Some incorporated places include narrow strips of land (frequently only the rights-of-way of streets) which typically have no population or housing units. These areas, termed "corporate corri-

dors," are generally not shown on the maps or in the tables of 1980 census reports. The existence of these areas is indicated in the footnotes to table 4 in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A.

In Connecticut, a unique situation exists in which one incorporated place (Woodmont borough) is subordinate to another (Milford city). The city of Milford is coextensive with the town of Milford. In the tables for the Connecticut report in this series and other series of 1980 census reports, data shown for Milford city exclude those for Woodmont borough, and the user must therefore refer to data for Milford town (which include those for the borough) for data for Milford city.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place." To be recognized for the 1980 census, CDP's must have a minimum 1980 population as follows:

Area	Minimum CDP population
Alaska	25
Hawaii	300
All other States:	
Inside urbanized areas:	
With one or more cities	
of 50,000 or more	5,000
With no city of 50,000	
or more	1,000
Outside urbanized areas	1,000

Hawaii is the only State with no incorporated places recognized by the

Bureau of the Census. All places shown for Hawaii in the 1980 census reports are CDP's. Honolulu CDP essentially represents the Honolulu Judicial District. The city of Honolulu, coextensive with the county of Honolulu, is not recognized for census purposes.

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision map in the HC80-1-A, *General Housing Characteristics*, report for this State. Detailed maps are available for purchase from the Census Bureau.

Towns/Townships

For 11 States, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin), a series of tables paralleling those for places and identified with an "a" suffix present data for towns/townships of 2,500 or more inhabitants. In these States, towns/townships with coextensive census designated places (CDP's) are shown only as towns or townships in this report.

URBAN AND RURAL RESIDENCE

As defined for the 1980 census, urban housing comprises all housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban housing consists of all housing units in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those housing units in the rural portions of extended cities; (2) census designated places of 2,500 or more inhabitants; and (3) other territory, incorporated or unincorporated, included in urbanized areas. Housing units not classified as urban constitute rural housing. Information on the historical development of the urban-rural residence definition appears in the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A.

Farm-Nonfarm Residence

In rural areas, occupied housing units are subdivided into rural-farm housing, which comprises all rural units on farms, and rural-nonfarm housing, which comprises the remaining rural units. Occupied housing units are classified as farm units if the place is of one acre or more and sales of farm products amounted to \$1,000 or more in 1979. (See facsimiles of questionnaire items H15a and H15b and respondent instructions in appendix E.)

Occupied units in rural territory which do not meet the definition for farm housing are classified as nonfarm. All vacant units in rural areas also are classified as nonfarm. Information on nonfarm housing units is not shown separately in this report. It may, however, be obtained by subtracting rural farm from rural.

The definition of farm has changed since the 1970 census. In 1970, a farm was defined as a place of 10 or more acres with sales of farm products of \$50 or more or a place on less than 10 acres with sales of \$250 or more. A report in the 1980 Census of Population Supplementary Report, Series PC80-S1, is planned which will provide 1980 counts of the farm population using the 1970 definition of farm.

Extended Cities

Since 1960 there has been an increasing trend toward the extension of city boundaries to include territory essentially rural in character. The classification of all housing units of such cities as urban would include in the urban category housing units in areas which are primarily rural in character. For the 1970 and 1980 census, in order to separate these housing units from those in the closely settled portions of such cities, the Bureau of the Census classified as rural a portion or portions of each such city that was located in an urbanized area. To be treated as an extended city, a city must contain one or more areas that are each at least 5 square miles in extent and have a population density of less than 100 persons per square mile. The area or areas must constitute at least 25 percent of the land area of the legal city or include at least 25 square miles. These areas are excluded from the urbanized area.

Those cities designated as extended cities thus consist of an urban part and a

rural part. In the tables of this report, data for the urban part are shown separately following the data for the entire city. Only the urban part is considered to be the central city of an urbanized area. However, the term "central city" as used for SMSA's refers to the entire population and housing units within the legal boundaries of the city.

URBANIZED AREAS

Definition

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural housing in the vicinity of large cities. An urbanized area consists of a central city or cities, and surrounding closely settled territory or "urban fringe."

The following criteria are used in determining the eligibility and definition of the 1980 urbanized areas:¹

An urbanized area comprises an incorporated place² and adjacent densely settled surrounding area that together have a minimum population of 50,000.³ The densely settled surrounding area consists of:

1. Contiguous incorporated places or census designated places having:
 - a. A population of 2,500 or more; or,
 - b. A population of fewer than 2,500 but having a population density of 1,000 persons per square mile, a closely settled area containing a minimum of 50 percent of the population, or a cluster of at least 100 housing units.
2. Contiguous unincorporated area which is connected by road and has a population density of at least 1,000 persons per square mile.⁴

¹All references to population counts and densities relate to data from the 1980 census.

²In Hawaii, incorporated places do not exist in the sense of functioning local governmental units. Instead, census designated places are used in defining a central city and for applying urbanized area criteria.

³The rural portions of extended cities, as defined in the Census Bureau's extended city criteria, are excluded from the urbanized area. In addition, for an urbanized area to be recognized, it must include a population of at least 25,000 that does not reside on a military base.

⁴Any area of extensive nonresidential urban land use, such as railroad yards, airports, factories, parks, golf courses, and cemeteries, is excluded in computing the population density.

3. Other contiguous unincorporated area with a density of less than 1,000 persons per square mile, provided that it:

- a. Eliminates an enclave of less than 5 square miles which is surrounded by built-up area.
- b. Closes an indentation in the boundary of the densely settled area that is no more than 1 mile across the open end and encompasses no more than 5 square miles.

c. Links an outlying area of qualifying density, provided that the outlying area is:

- (1) Connected by road to, and is not more than 1½ miles from, the main body of the urbanized area.
- (2) Separated from the main body of the urbanized area by water or other undevelopable area, is connected by road to the main body of the urbanized area, and is not more than 5 miles from the main body of the urbanized area.

4. Large concentrations of nonresidential urban area (such as industrial parks, office areas, and major airports), which have at least one-quarter of their boundary contiguous to an urbanized area.

A map of each urbanized area in this State appears in the 1980 Census of Housing report for this State, HC80-1-A, *General Housing Characteristics*.

Urbanized Area Titles

1. The titles of urbanized areas existing prior to the 1980 Census of Population and Housing are retained unchanged except for mergers and for those areas meeting items 4 and/or 5 of the titling criteria.

2. The titles of new urbanized areas qualifying as the result of the 1980 census are determined as follows:

- a. The name of the incorporated place with the largest population in the urbanized area is always listed.
- b. The names of up to two additional incorporated places may be listed, with eligibility determined as follows:

- (1) Those with a population of at least 250,000.

(2) Those with a population of 15,000 to 250,000, provided that they are at least one-third the population of the largest place in the urbanized area.

3. Area titles that include the names of more than one incorporated place start with the name of the largest and list the others in descending order of their population.

4. In addition to incorporated place names, the titles contain the name of each State into which the urbanized area extends.

5. Regional titles may be used to identify urbanized areas with populations over 1 million, in which case only the largest city of the urbanized area is included in the title.

Urbanized Area Central Cities

The central cities of urbanized areas are those named in the titles except where regional titles are used. In such cases, the central cities are those that have qualified under items 1 or 2 of the titling criteria.

Counts and data for central cities of urbanized areas refer to the urban portion of these cities, thus excluding the rural portions of extended cities, as discussed above.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined by the Office of Management and Budget, following a set of official published standards developed by the inter-agency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area

with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing. The housing in SMSA's is subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the nonmetropolitan housing.

SMSA Titles

Most SMSA's have at least one central city. The titles of SMSA's include up to three city names, as well as the names of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's, with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

In this report, central cities of SMSA's, regardless of population, are shown only in the tables designated "... for Areas and Places." Thus, a central city with a population between 10,000 and 50,000 will not appear in the tables for places of 10,000 to 50,000.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the basis of population estimates but whose qualification

was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

The new standards will not be applied to the areas existing on January 1, 1980, until after data on commuting flows become available from 1980 census tabulations. At that time, the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

STANDARD CONSOLIDATED STATISTICAL AREAS

In some parts of the country, metropolitan development has progressed to the point that adjoining SMSA's are themselves socially and economically interrelated. These areas are designated standard consolidated statistical areas (SCSA's) by the Office of Management and Budget, and are defined using standards included as part of the new SMSA standards described above.

RELATIONSHIP BETWEEN URBANIZED AREAS AND METROPOLITAN AREAS

Although the urbanized area and the metropolitan area are closely related in concept, there are important differences. The urbanized area has a more limited territorial extent. The urbanized area consists of the physically continuously built-up territory around each larger city and thus corresponds generally to the core of high and medium population density at the heart of the metropolitan area. In concept, a metropolitan area is always larger than its core urbanized area, even if the metropolitan area is defined in terms of small building blocks, because it includes discontinuous urban and suburban development beyond the periphery of the continuously built-up area. The metropolitan area may also include some rural territory whose residents commute to work in the city or its immediate environs, while the urbanized area does not include such territory. In practice, because the SMSA definitions use

counties as building blocks, considerable amounts of rural territory with few commuters are often included. However, even in New England, where cities and towns are used as building blocks, SMSA's are generally much larger in extent than their core urbanized areas.

It sometimes occurs, because of boundary anomalies, that a portion of the urbanized area extends across the SMSA boundary into a nonmetropolitan county or another SMSA. However, such portions are usually quite small in area and population.

The new standards provide that each SMSA be associated with an urbanized area. However, the reverse is not true—there are some urbanized areas that are not in any SMSA. This situation occurs when an urbanized area does not qualify as an SMSA of at least 100,000 population (75,000 in New England), and the urbanized area has no city with at least 50,000 population.

In addition, some SMSA's contain more than one urbanized area. This occurs when:

1. Two or more urban concentrations not far apart and of generally similar size have separate urbanized areas but qualify as a single SMSA (e.g., Greensboro, High Point, and Winston-Salem, North Carolina). Often the SMSA title includes the name of the largest city or each of the component urbanized areas.
2. A very large SMSA includes a large urbanized area and one or more smaller separate urbanized areas within its boundaries. Examples are the separate urbanized areas around Joliet, Aurora, and Elgin within the Chicago SMSA.

AMERICAN INDIAN RESERVATIONS

American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order. The reservations and their boundaries were identified for the 1980 census by the Bureau of Indian Affairs and State governments. Federal and State reservations are located in 33 States and may cross State, county, minor civil division/census county division, and place bound-

aries. In this report, tribal trust lands outside the boundaries of reservations (off reservation) are not included as part of the reservations.

Preliminary evaluation of the 1980 census data suggest that counts for a few reservations may be subject to certain limitations or nonsampling errors. Although the various field and computer operations undergo a number of quality control checks to ensure accuracy of the data, available evidence indicates that nonsampling errors are substantial for a small number of reservations. Additional evaluation of the counts for reservations will be done when more information is available and a fuller explanation will be presented in 1980 census subject reports on the American Indian population.

Data on 115 American Indian reservations were published in the 1970 census subject report, *American Indians*, PC(2)-1F. However, 1980 data may not be comparable to 1970 data because of boundary changes, improvements in geographic identification, enumeration techniques, etc., made for the 1980 census. Names and boundaries of American Indian reservations are shown on the county subdivision map in the HC80-1-A, *General Housing Characteristics* reports.

ALASKA NATIVE VILLAGES

Alaska Native villages constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska which were listed in sections 11 and 16 of the Alaska Native Claims Settlement Act, Public Law 92-203, or which met the requirements of the act, and which the Secretary of Interior determined were, on the 1970 census enumeration date (April 1), composed of 25 or more Alaska Natives. This list was reviewed and updated for the Census Bureau by the State of Alaska prior to the 1980 census, to identify specifically only those entities that were recognized legally as Alaska Native villages.

Data on certain Alaska Native villages are not available from previous censuses. Some cities and "unincorporated places" (referred to as "census designated places" in 1980) which were identified in the 1970 census may, however, correspond to 1980 Alaska Native villages, but may not have identical boundaries. Names and

locations of Alaska Native villages may be found on the county subdivision map in the HC80-1-A, *General Housing Characteristics*, report for Alaska.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this report have changed

between an earlier census and January 1, 1980. Information on boundary changes for counties, county subdivisions, and incorporated places is presented in table 4 of the 1980 Census of Population Report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENTS

Area measurement figures for counties and county equivalents are available in table 2 of the PC80-1-A State reports. Area figures for standard metropolitan statistical areas, urbanized areas, places of 2,500 or more, and, in 11 States, MCD's of 2,500 or more, can be found in PC80-1-A, United States Summary.



Appendix B.—Definitions and Explanations of Subject Characteristics

GENERAL.....	B-1	Year Structure Built.....	B-6
LIVING QUARTERS.....	B-1	Units in Structure.....	B-6
Housing Units.....	B-1	Stories in Structure.....	B-6
Comparability With 1970.....		Passenger Elevator.....	B-6
Census Housing Unit Data.....	B-2	PLUMBING CHARACTERISTICS.....	B-6
Group Quarters.....	B-2	Plumbing Facilities.....	B-6
Comparability With 1970.....		Comparability With 1970.....	
Group Quarters Data.....	B-2	Census Plumbing Facilities.....	B-6
Rules for Hotels, Rooming Houses, Etc.....	B-2	Data.....	B-6
Staff Living Quarters.....	B-2	Bathrooms.....	B-6
Year-Round Housing Units.....	B-2	Source of Water.....	B-7
OCCUPANCY AND VACANCY CHARACTERISTICS.....	B-2	Sewage Disposal.....	B-7
Occupied Housing Units.....	B-2	EQUIPMENT AND FUELS.....	B-7
Householder.....	B-2	Kitchen Facilities.....	B-7
Persons in Occupied Housing Units.....	B-2	Heating Equipment.....	B-7
Year Householder Moved Into Unit.....	B-2	Comparability With 1970.....	
Vacant Housing Units.....	B-3	Census Heating Equipment.....	B-7
Type of Vacant Unit.....	B-3	Data.....	B-7
Vacancy Status.....	B-3	Air-Conditioning.....	B-7
Duration of Vacancy.....	B-3	Vehicles Available.....	B-7
Tenure.....	B-3	Comparability With 1970.....	
Race of Householder.....	B-3	Census Automobiles.....	
Comparability Between Sample and 100-Percent Data for Race of Householder.....	B-4	Available Data.....	B-7
Comparability With 1970.....		Telephone in Housing Unit.....	B-7
Census Data on Race of Householder.....	B-4	Comparability With 1970.....	
Spanish/Hispanic Origin of the Householder.....	B-5	Census Telephone Available.....	B-8
Limitations of the Data on Householders of Spanish/Hispanic Origin.....	B-5	Data.....	B-8
Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin.....	B-5	Fuels Used for House Heating, Water Heating, and Cooking.....	B-8
Census Data on Householders of Spanish/Hispanic Origin.....	B-5	FINANCIAL CHARACTERISTICS.....	B-8
UTILIZATION CHARACTERISTICS.....	B-6	Value.....	B-8
Persons.....	B-6	Mortgage Status and Selected Monthly Owner Costs.....	B-8
Rooms.....	B-6	Rent.....	B-8
Persons Per Room.....	B-6	Income in 1979.....	B-8
Bedrooms.....	B-6	Comparability With 1970.....	
STRUCTURAL CHARACTERISTICS.....	B-6	Census Income Data.....	B-9
		Poverty Status in 1979.....	B-9

telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room, occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a

single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the person listed in column 1 of the census ques-

naire, or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Group Quarters Data—In 1970, a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports. In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences in the number shown for households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Persons in Occupied Housing Units—"Persons in occupied housing units" is the total population less those persons living in group quarters. "Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units. Data are also presented separately for the population in owner-occupied and in renter-occupied housing units.

Year Householder Moved Into Unit—Data presented for this item are based on the information reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy

by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time. (See question H19 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements, i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Type of Vacant Unit—Vacant housing units are classified in this report as either "Seasonal and migratory" or "Year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A unit used only occasionally throughout the year is also considered as year-round.

Vacancy Status—The data on vacancy status were tabulated from responses to

questionnaire item C (see item C in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages"). Year-round vacant units are subdivided according to their vacancy status as follows:

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Other vacants. If a vacant year-round unit is not "For sale only" or "For rent," it is classified in the category "Other vacants" in this report. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner, as well as units rented or sold, awaiting occupancy, and units held for occasional use.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. (See item D in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent. (See question H8 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Race of Householder—The data on race of householder were derived from answers to question 4, for the person listed in column 1. (See Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.")

The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used. If a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The categories "American Indian," "Eskimo," and "Aleut" include persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian and Pacific Islander" in this report includes persons who indicated their race as Japanese, Chinese, Filipino, Korean, Vietnamese,

Asian Indian, Hawaiian, Guamanian, Samoan, as well as persons who answered the "Other" race category and provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Niponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

The category, "Race, n.e.c." (Race, not elsewhere classified) includes all other persons not included in the categories (White, Black, American Indian, Eskimo, Aleut, and Asian and Pacific Islander) mentioned above. For example, householders reporting the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c." During sample coding operations each of the subgroups comprising "Race, n.e.c." was identified separately. Plans were to provide figures for the component groups in subsequent 1980 Census of Population reports.

If the race entry was missing on the questionnaire for the householder, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of Householder—The data for race of householder shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, non-sampling error, and an additional edit and review performed on the sample questionnaires. The data in this report are based on a sample whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample

data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible. Most affected is the "Other" race category since a number of householders originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of householders who marked the "Other" race category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, householders in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a "Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied, the 100-percent tabulations are usually the preferable source for comparable data for racial groups. That is, in the case of figures available for racial groups, both in this report and the corresponding HC80-1-A report for this State, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.) and data for the entire Asian and Pacific Islander population, the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Race of Householder—Differences

between 1980 and 1970 census counts by race seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and comparability for the "White" population and the "Race, n.e.c." or "Other" race population (shown as "All other races" in most 1970 census publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 count for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietna-

ese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 Census; in 1970, most of these groups were included in the "Other" race category.

In 1980 data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for the Hawaiian and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 (see Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages").

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origins is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc.

Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish

origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary Report, Series PC80-S1-7, *"Persons of Spanish Origin by State: 1980."*

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this

report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and the corresponding HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish/Hispanic Origin—The 1980 figures on Spanish origin are not directly comparable with those of 1970 because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanic over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No, (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respond-

ents misinterpreted the category; furthermore, the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms. (See question H7 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms.

On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom. (See question H24 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration. (See question H18 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. Structures containing only one housing unit are further classified as detached or attached. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (See question H13 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes. (See question H14a in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. Housing units in structures with an elevator used only for

freight are not included in the category "With elevator." (See question H14b in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present. (See question H6 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

Bathrooms—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated. The category "No bathroom or only a half bath" consists of units with no bathroom facilities, units with only a half-bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units. (See question H25 in Appendix E, "Facsimiles

of Respondent Instructions and Questionnaire Pages.”)

Source of Water—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a “Public system or private company.” The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units. If the water is supplied from a well serving five or fewer housing units, the units are classified as having water supplied by either an individual drilled well or an individual dug well. The category, “Some other source,” includes water obtained from springs, creeks, rivers, lakes, cisterns, etc. (See question H16 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Sewage Disposal—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, “Other means,” includes housing units which dispose of sewage in some other way. (See question H17 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

EQUIPMENT AND FUELS

Kitchen Facilities—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An ice box is not considered to be a mechanical refrigerator. (See question H23 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Heating Equipment—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; (5) a floor, wall, or pipeless furnace; (6) room heaters with flue or vent that burn gas, oil, or kerosene; (7) nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and (8) fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit. (See question H20 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Comparability With 1970 Census Heating Equipment Data—In 1970, central heat pumps were included as part of the category “Warm-air furnace” and individual room heat pumps were included in the category “Built-in electric units.” In 1980, heat pumps have been combined into one category “Electric heat pump.”

Air-Conditioning—“Air-conditioning” is defined as the cooling of air by refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air-conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air-conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air-conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room. (See question H27 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of 1-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more, police and government cars kept at home, and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and vans and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles. (See questions H28 and H29 in Appendix E, “Facsimiles of Respondent Instructions and Questionnaire Pages.”)

In this report, selected tables present the number of households with automobiles available separately from the number of households with trucks or vans. The figures do not add to the total number of vehicles available because a household may be counted in both categories. For example, a household may have an automobile as well as a truck or van available for use by household members and, thus, be included in the count of households with automobiles and in the count of households with trucks or vans available.

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but excludes pickups or larger trucks. Separate data were obtained in 1980 on the number of households with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Telephone in Housing Unit—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone

located inside the building but not in the respondent's living quarters are classified as having no telephone. (See question H26 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Comparability With 1970 Census Telephone Available Data—In 1970, the question on telephone availability was collected on a 100-percent basis. A housing unit was classified as having a telephone if the household had a telephone on which it could be called, whether it was in another unit, in a common hall, in another building, or shared by another household. For 1980, for a housing unit to be classified as having a telephone, the telephone had to be inside the respondent's living quarters.

Fuels Used for House Heating, Water Heating, and Cooking—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other fuel" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood. For data on cooking fuel, the category "Other" includes fuel oil, kerosene, coal or coke, wood, as well as coal dust, briquettes, etc. (See question H21 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale. For vacant units, value is the price asked for the property. (See question H11 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.") Value and price asked are tabulated separately for certain kinds of housing units. Value statistics are presented for specified owner-occupied hous-

ing units and specified vacant for sale only housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universe is the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Mortgage Status and Selected Monthly Owner Costs

—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.). (See questions H30, H31, and H32 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Rent—This report presents statistics on rent for "Specified renter-occupied" housing units which include renter-occupied units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises.

Contract Rent—In this report, only median contract rent for specified renter-occupied housing units and median rent asked for specified vacant for rent housing units in rural areas are shown. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities,

or services that may be included. For vacant units, it is the rent asked for the unit at the time of enumeration. (See question H12 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Gross Rent—The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. "Gross rent" is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the tabulations. (See questions H12 and H22 in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages.")

Income in 1979—In this report, only median household income is presented. The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. The median income is based on the distribution of the total number of households including those with no income. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current Population Reports, Series P-60, No. 129, *Money Income of Families and Persons in the United States: 1979*.

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over. "Total income" is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social

Security or Railroad Retirement income; public assistance or welfare income; and all other income before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employees' contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). However, the composition of most families was the same during 1979 as in April 1980.

There may be differences between the data on household income in 1979 in this report and similar data shown in the

PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, and in the PHC80-S2, *Supplementary Report, Advance Estimates of Social, Economic, and Housing Characteristics*. Any such differences are the result of errors corrected after the release of the PHC80-3 and PHC80-S2 reports.

Comparability With 1970 Census Income Data—In 1970 the statistics on income related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population report, *General*

Social and Economic Characteristics, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the nonfamily householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary by size of family, number of children, and age of the family householder or unrelated individual. The thresholds used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census, the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population report, *General Social and Economic Characteristics*, PC80-1-C.



Appendix C.—General Enumeration and Processing Procedures

USUAL PLACE OF RESIDENCE. . .	C-1
Armed Forces.	C-1
Crews of Merchant Vessels . . .	C-1
Persons Away at School	C-1
Persons in Institutions	C-1
Persons Away From Their Residence on Census Day . . .	C-1
Americans Abroad.	C-2
Citizens of Foreign Countries. .	C-2
DATA COLLECTION PROCEDURES.	C-2
PROCESSING PROCEDURES. . . .	C-2

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

Appendix D.—Accuracy of the Data

INTRODUCTION	D-1
SAMPLE DESIGN	D-1
ERRORS IN THE DATA	D-1
Calculation of Standard Errors	D-2
Totals and Percentages	D-2
Differences	D-2
Medians	D-2
Confidence Intervals	D-2
Use of Tables to Compute	D-3
Standard Errors	D-3
ESTIMATION PROCEDURE	D-4
CONTROL OF NONSAMPLING	D-6
ERROR	D-6
Undercoverage	D-6
Respondent and Enumerator	D-6
Error	D-6
Processing Error	D-6
Nonresponse	D-6
EDITING OF UNACCEPTABLE	D-6
DATA	D-6
ALLOCATION TABLES	D-7

INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the United States were enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other places, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small places. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In about 95 percent of the country the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator systematically canvassed the area and listed

all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations

such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A–D (or E) in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D (or table E). The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- Find the geographic area with which you are working in table D (or table E) and obtain the housing unit "percent in sample" figure for this area.
- Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the stand-

ard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D (or E). Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated

characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard

errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

Table 87 shows that for Hilo (CDP) 11,385 housing units out of 11,763 housing units had no air conditioning. Table D of this appendix lists Hilo (CDP) with a percent in sample of 15.9 percent ("Housing units" column). Table C lists the adjustment factor for the characteristic "Air conditioning." The column that gives the range which includes 15.9 percent in sample shows the adjustment factor to be 1.5 for "Air conditioning."

The unadjusted standard error for the estimated total 11,385 is obtained from table A. In order to avoid interpolation, the use of the formula will be demonstrated here. The formula for the unadjusted standard error, Se , is:

$$Se = \sqrt{5(11,385) \left(1 - \frac{11,385}{11,763}\right)} = 43 \text{ housing units.}$$

Note: The total number of year-round housing units for Hilo (CDP) was 11,763.

The standard error of the estimated 11,385 housing units with no air conditioning is found by multiplying the unadjusted standard error 43 by the adjustment factor, which was determined to be 1.5. This yields the estimated standard error of 65 for the total housing units with no air conditioning in Hilo (CDP).

The estimated percent of housing units with no air conditioning is 96.8. From table B, the unadjusted standard error is found to be 0.36. Thus, the standard error for the estimated 96.8 percent of housing units with no air conditioning is $0.36 \times 1.5 = 0.54$.

A note of caution concerning numerical values is necessary. Standard errors of percentages derived in this manner

are approximate. Calculations can be expressed to several decimal places, but to do so would indicate more precision in the data than is justifiable. Final results should contain no more than one decimal place when the estimated standard error is one percentage point (i.e., 1.0) or more.

In the previous example, the standard error of the 11,385 housing units with no air conditioning in Hilo (CDP) was found to be 65. Thus, a 95-percent confidence interval for this estimated total is found to be:

$$\begin{aligned} & [11,385 - 2(65)] \text{ to } [11,385 + 2(65)] \\ & \text{or} \\ & 11,255 \text{ to } 11,515. \end{aligned}$$

One can say with about 95-percent confidence that this interval includes the value that would have been obtained by averaging the results from all possible samples.

The calculation of standard errors and confidence intervals will be illustrated when a difference of two sample estimates is obtained. For example, the number of housing units with no air conditioning in Kaneohe (CDP) was 7,756, and the total number of housing units was 8,523. Thus, the percentage of housing units with no air conditioning was 91.0. The unadjusted standard error from table B is 0.69 percent. Table D lists Kaneohe (CDP) with a percent in sample of 15.8. From table C, the column that gives the range which includes 15.8 percent in sample shows the adjustment factor to be 1.5 for "Air conditioning." Thus, the approximate standard error of the percentage (91 percent) is $0.69 \times 1.5 = 1.04$.

Suppose that one wishes to obtain the standard error of the difference between Kaneohe (CDP) and Hilo (CDP) of the percentages of housing units with no air conditioning.

The difference in the percentages of interest for the two (CDP's) is:

$$96.8 - 91.0 = 5.8 \text{ percent.}$$

Using the results of the previous example:

$$\begin{aligned} Se(5.8) &= \sqrt{Se(96.8)^2 + Se(91.0)^2} \\ &= \sqrt{(0.54)^2 + (1.04)^2} \\ &= 1.17 \text{ percent.} \end{aligned}$$

The 95-percent confidence interval for the difference is formed as before:

$$[5.8 - 2(1.17)] \text{ to } [5.8 + 2(1.17)]$$

or

$$3.5 \text{ to } 8.1.$$

One can say with 95-percent confidence that the interval includes the difference that would have been obtained by averaging the results from all possible samples.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons the first stage employed 17 household type

groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group Persons in Housing Units With a Family With Own Children Under 18

- | | |
|---|-----------------------------------|
| 1 | 2 persons in housing unit |
| 2 | 3 persons in housing unit |
| 3 | 4 persons in housing unit |
| 4 | 5 to 7 persons in housing unit |
| 5 | 8 or more persons in housing unit |

Persons in Housing Units With a Family Without Own Children Under 18

- | | |
|------|---|
| 6-10 | 2 persons in housing unit through 8 or more persons in housing unit |
|------|---|

Persons in All Other Housing Units

- | | |
|-------|---|
| 11 | 1 person in housing unit |
| 12-16 | 2 persons in housing unit through 8 or more persons in housing unit |
| 17 | Persons in group quarters |

Stage II—Householder/Nonhouseholder

- | | |
|-------|--|
| Group | |
| 1 | Householder |
| 2 | Nonhouseholder (including persons in group quarters) |

Stage III—Age/Sex/Race/Spanish Origin

- | | |
|-------|---------------------------|
| Group | White Race |
| | Persons of Spanish Origin |
| | Male |
| 1 | 0 to 4 years of age |
| 2 | 5 to 14 years of age |
| 3 | 15 to 19 years of age |
| 4 | 20 to 24 years of age |
| 5 | 25 to 34 years of age |
| 6 | 35 to 44 years of age |
| 7 | 45 to 64 years of age |
| 8 | 65 years of age or older |

Female

- | | |
|------|--------------------------------------|
| 9-16 | Same age categories as groups 1 to 8 |
|------|--------------------------------------|

Persons Not of Spanish Origin

- | | |
|-------|--|
| 17-32 | Same age and sex categories as group 1 to 16 |
|-------|--|

Black Race

- | | |
|-------|--|
| 33-64 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

Asian, Pacific Islander Race

- | | |
|-------|--|
| 65-96 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|--|

Indian (American) or Eskimo or Aleut Race

- | | |
|--------|--|
| 97-128 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|--------|--|

Other Race (includes those races not listed above)

- | | |
|---------|--|
| 129-160 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|---------|--|

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage 1 group. The

initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

Group	Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit

3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit
	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

Group	Owner
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners
	<i>Persons Not of Spanish Origin</i>
9-16	Same value categories as groups 1 to 8
	<i>Black Race</i>
17-32	Same value—Spanish origin categories as groups 1 to 16
	<i>Asian, Pacific Islander Race</i>
33-48	Same value—Spanish origin categories as groups 1 to 16
	<i>Indian (American) or Eskimo or Aleut Race</i>
49-64	Same value—Spanish origin categories as groups 1 to 16
	<i>Other Race (includes those races not listed above)</i>
65-80	Same value—Spanish origin categories as groups 1 to 16
	<i>Renter</i>
	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Rent Categories</i>
81	\$1 to \$59

82	\$60 to \$99
83	\$100 to \$149
84	\$150 to \$199
85	\$200 to \$249
86	\$250 to \$299
87	\$300 to \$399
88	\$400 to \$499
89	\$500+
90	Other Renter
91	No Cash Rent

Persons not of Spanish origin

92-102 Same rent categories as groups 81 to 91

Black Race

103-124 Same rent—Spanish origin categories as groups 81 to 102

Asian, Pacific Islander Race

125-146 Same rent—Spanish origin categories as groups 81 to 102

Indian (American) or Eskimo or Aleut Race

147-168 Same rent—Spanish origin categories as groups 81 to 102

Other Race (includes those races not listed above)

169-190 Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group	
1	Vacant for Rent
2	Vacant for Sale
3	Other Vacant

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the

complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some households or persons to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized

to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a num-

ber of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's population and housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic was still missing at the time the questionnaire reached the central processing offices, the characteristic was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a housing unit that was consistent with entries for other housing units with similar characteristics. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place

of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

Specific tolerances were established for the number of computer allocations and substitutions that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocation on the individual subject characteristics may be found in tables B-1 and B-2 which follow table 102.

For all characteristics except vehicles available, the allocation rates shown are obtained by dividing the number of housing units with the characteristics allocated by the number of year-round or occupied units. The allocation rates for vehicles available are the sum of the rates for the two component parts—automobiles available and vans or trucks available.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	Size of publication area 2/													
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350
75 000.....	-	-	-	-	-	-	-	310	510	570	590	610	610	610
100 000.....	-	-	-	-	-	-	-	-	550	630	670	700	700	710
250 000.....	-	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{\hat{Y} \left(1 - \frac{\hat{Y}}{N}\right)}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	Base of percentage ^{1/}													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.4	0.2	0.2	
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.2	

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{\hat{p}}{B} p(100-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Occupancy and vacancy status.....	1.0	1.0	0.4
Tenure.....	1.2	1.2	0.6
Units in structure.....	1.1	1.1	0.6
Stories in structure.....	0.8	0.8	0.4
Passenger elevator.....	0.9	0.9	0.4
Source of water.....	1.1	1.1	0.6
Sewage disposal.....	1.0	1.0	0.6
Year structure built.....	1.0	1.0	0.6
Year householder moved into housing unit.....	1.1	1.1	0.6
Heating equipment and fuel.....	1.4	1.4	0.5
Kitchen facilities.....	1.0	1.0	0.4
Number of bedrooms or bathrooms.....	1.1	1.1	0.7
Telephone in housing unit.....	1.1	1.1	0.6
Air conditioning.....	1.5	1.5	0.8
Vehicles available.....	1.1	1.1	0.5
Gross rent.....	1.1	1.1	0.6
Mortgage status and selected monthly owner cost.....	1.1	1.1	0.5
Income.....	1.1	1.1	0.5
Poverty status.....	1.1	1.1	0.3
Complete plumbing facilities for exclusive use with 1.01 persons per room or more.....	1.1	1.1	0.5

Table D. Percent of Housing Units in Sample: 1980

(For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B)

The State
Urban and Rural and Size of
Place
Inside and Outside SMSA's
SCSA's
SMSA's
Urbanized Areas
Places of 2,500 or More
Counties
American Indian Reservations

	Housing units	
	100-percent count	Percent in sample
The State	334 235	15.9
URBAN AND RURAL AND SIZE OF PLACE		
Urban	280 342	15.9
Inside urbanized areas	228 656	15.9
Central cities	161 956	15.8
Urban fringe	66 720	16.0
Outside urbanized areas	51 686	16.0
Places of 10,000 or more	19 402	16.0
Places of 2,500 to 10,000	32 284	16.0
Rural	53 893	15.7
Places of 1,000 to 2,500	14 110	16.0
Other rural	39 783	15.6
Farm	—	...
INSIDE AND OUTSIDE SMSA's		
Inside SMSA's	252 038	15.8
Urban	242 785	15.8
Central cities	142 280	15.8
Not in central cities	100 505	15.9
Rural	9 253	15.3
Outside SMSA's	82 197	16.0
Urban	37 557	16.1
Rural	44 640	15.8
SMSA's		
Honolulu, Hawaii	252 038	15.8
Urban	242 785	15.8
Rural	9 253	15.3
URBANIZED AREAS		
Honolulu, Hawaii	199 401	15.9
Kailua-Kaneohe, Hawaii	29 255	15.9
PLACES OF 2,500 OR MORE		
Ahiwaima (CDP)	1 859	14.8
Aiea (CDP)	10 175	15.9
Ewa (CDP)	678	15.8
Ewa Beach (CDP)	3 434	16.2
Hanalei (CDP)	836	16.1
Hawalei (CDP)	899	15.4
Heaia (CDP)	1 550	16.0
Hickam Housing (CDP)	422	16.5
Hilo (CDP)	11 775	15.9
Honolulu (CDP)	142 280	15.8
Iroquois Point (CDP)	1 132	16.4
Kahului (CDP)	923	15.8
Kahului (CDP)	4 012	16.0
Kailua (CDP), Hawaii County	2 294	15.8
Kailua (CDP), Honolulu County	11 124	16.2
Kalaheo (CDP)	798	16.2
Kaneohe (CDP)	8 532	15.8
Kapaa (CDP)	1 824	15.7
Kekaha (CDP)	942	16.3
Kihui (CDP)	5 164	17.1
Lahaina (CDP)	2 506	15.8
Loe (CDP)	938	13.6
Lihue (CDP)	1 597	16.7
Maui (CDP)	1 392	15.2
Makaha (CDP)	3 516	16.0
Makaha City (CDP)	2 243	16.2
Makawae (CDP)	777	14.8
Maunawili (CDP)	1 423	16.3
Millerton Town (CDP)	6 413	16.3
Molokai (CDP)	1 889	15.7
Nanakuli (CDP)	1 907	15.8
Pearl City (CDP)	11 367	16.3
Pukalani (CDP)	1 217	16.4
Schofield Barracks (CDP)	3 583	16.4
Waipahoehoe (CDP)	5 546	16.2
Waipahoehoe (CDP)	1 146	16.1
Waipahoehoe (CDP)	2 088	14.9
Waipahoehoe (CDP)	3 415	16.2
Waimanalo (CDP)	823	15.8
Waimanalo Beach (CDP)	981	16.2
Waiwae (CDP)	7 120	15.7
Waiwae Acres (CDP)	1 433	15.1
COUNTIES		
Hawaii	34 215	15.8
Honolulu	252 038	15.8
Kalawao	121	48.8
Kauai	14 878	16.1
Maui	33 033	15.9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked *Son/daughter*. Foster children or wards living in the household should be marked *Roomer, boarder*.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the *Indian (American)* or *Other* circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark *Never married*.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark *Finished this grade (or year)* only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.

Mark *Yes*, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark *Owned or being bought* if the living quarters are owned outright or are mortgaged. Also mark *Owned or being bought* if the living quarters are owned but the land is rented.

Mark *Rented for cash rent* if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A one-family house *detached* from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark A public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A *public sewer* is operated by a government body or a private organization. A *septic tank* or *cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person* in column 1 refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, well, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket () the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer *Yes only* if the telephone is located *in* your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28 – H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30 – H32. Do *not* answer these questions if you live in a *cooperative*, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*
Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark **No**, only speaks English if the person always speaks English *at home*; then skip to question 14.

Mark **Yes** if the person speaks a language other than English *at home*. Do *not* mark **Yes** for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.
- c. Fill the circle that best describes the person's *ability* to speak English.
- (1) The circle **Very well** should be filled for persons who have no difficulty speaking English.
 - (2) The circle **Well** should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
 - (3) The circle **Not well** should be filled for persons who are seriously limited in their ability to speak English.
 - (4) The circle **Not at all** should be filled for persons who do not speak English at all.
14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark **Yes**, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark **No**, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).
- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.
- Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.
- Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.
- Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.
- Part (4) Mark **Yes** if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.
- 17a. Mark **Yes** only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark **No** if the person was in the National Guard or the reserves.
- b. Mark **Yes** if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark **No** if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.
- c. Mark **Yes**, full time if the person worked full time (35 hours or more per week). Mark **Yes**, part time if the person worked part time (less than 35 hours per week). Mark **No** if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.
- 18a. Mark **Yes** if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark **Yes** *only* if the person was ever called to active duty; mark **No** if the only service was active duty for training.
- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.
19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.
20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark **Yes** if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at all jobs last week, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity at the place where the person works. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle:

Mark **Local government employee** for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark **No** for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:

DO	A1	A2	A4	A5	A6
				L	

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons)
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL llame a la oficina del censo. El número de teléfono se encuentra en el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario por correo en el sobre que se le incluye

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS Please fill one column for each person listed in Question 1.	PERSON in column 1 Last name First name Middle initial	PERSON in column 2 Last name First name Middle initial
<p>2. How is this person related to the person in column 1?</p> <p>Fill one circle.</p> <p>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>	<p><i>START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</i></p>	<p>If relative of person in column 1:</p> <p><input type="radio"/> Husband/wife <input type="radio"/> Father/mother</p> <p><input type="radio"/> Son/daughter <input type="radio"/> Other relative</p> <p><input type="radio"/> Brother/sister</p> <p>If not related to person in column 1:</p> <p><input type="radio"/> Roomer, boarder <input type="radio"/> Other nonrelative</p> <p><input type="radio"/> Partner, roommate <input type="radio"/> Paid employee</p>	
<p>3. Sex Fill one circle.</p>	<p><input type="radio"/> Male <input type="radio"/> Female</p>	<p><input type="radio"/> Male <input type="radio"/> Female</p>	
<p>4. Is this person —</p> <p>Fill one circle.</p>	<p><input type="radio"/> White <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Black or Negro <input type="radio"/> Hawaiian</p> <p><input type="radio"/> Japanese <input type="radio"/> Guamanian</p> <p><input type="radio"/> Chinese <input type="radio"/> Samoan</p> <p><input type="radio"/> Filipino <input type="radio"/> Eskimo</p> <p><input type="radio"/> Korean <input type="radio"/> Aleut</p> <p><input type="radio"/> Vietnamese <input type="radio"/> Other — Specify</p> <p><input type="radio"/> Indian (Amer.)</p> <p>Print tribe</p>	<p><input type="radio"/> White <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Black or Negro <input type="radio"/> Hawaiian</p> <p><input type="radio"/> Japanese <input type="radio"/> Guamanian</p> <p><input type="radio"/> Chinese <input type="radio"/> Samoan</p> <p><input type="radio"/> Filipino <input type="radio"/> Eskimo</p> <p><input type="radio"/> Korean <input type="radio"/> Aleut</p> <p><input type="radio"/> Vietnamese <input type="radio"/> Other — Specify</p> <p><input type="radio"/> Indian (Amer.)</p> <p>Print tribe</p>	
<p>5. Age, and month and year of birth</p> <p>a. Print age at last birthday.</p> <p>b. Print month and fill one circle.</p> <p>c. Print year in the spaces, and fill one circle below each number.</p>	<p>a. Age at last birthday</p> <p>c. Year of birth</p> <p>1 8 0 0</p> <p>9 1 0 1</p> <p>2 0 2 0</p> <p>3 0 3 0</p> <p>4 0 4 0</p> <p>5 0 5 0</p> <p>6 0 6 0</p> <p>7 0 7 0</p> <p>8 0 8 0</p> <p>9 0 9 0</p> <p><input type="radio"/> Jan.—Mar.</p> <p><input type="radio"/> Apr.—June</p> <p><input type="radio"/> July.—Sept.</p> <p><input type="radio"/> Oct.—Dec.</p>	<p>a. Age at last birthday</p> <p>c. Year of birth</p> <p>1 8 0 0</p> <p>9 1 0 1</p> <p>2 0 2 0</p> <p>3 0 3 0</p> <p>4 0 4 0</p> <p>5 0 5 0</p> <p>6 0 6 0</p> <p>7 0 7 0</p> <p>8 0 8 0</p> <p>9 0 9 0</p> <p><input type="radio"/> Jan.—Mar.</p> <p><input type="radio"/> Apr.—June</p> <p><input type="radio"/> July.—Sept.</p> <p><input type="radio"/> Oct.—Dec.</p>	
<p>6. Marital status</p> <p>Fill one circle.</p>	<p><input type="radio"/> Now married <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>	<p><input type="radio"/> Now married <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>	
<p>7. Is this person of Spanish/Hispanic origin or descent?</p> <p>Fill one circle.</p>	<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic</p>	<p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic</p>	
<p>8. Since February 1, 1980, has this person attended regular school or college at any time? Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>	<p><input type="radio"/> No, has not attended since February 1</p> <p><input type="radio"/> Yes, public school, public college</p> <p><input type="radio"/> Yes, private, church-related</p> <p><input type="radio"/> Yes, private, not church-related</p>	<p><input type="radio"/> No, has not attended since February 1</p> <p><input type="radio"/> Yes, public school, public college</p> <p><input type="radio"/> Yes, private, church-related</p> <p><input type="radio"/> Yes, private, not church-related</p>	
<p>9. What is the highest grade (or year) of regular school this person has ever attended?</p> <p>Fill one circle.</p> <p>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>	<p>Highest grade attended:</p> <p><input type="radio"/> Nursery school <input type="radio"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p><input type="radio"/> College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p><input type="radio"/> Never attended school — Skip question 10</p>	<p>Highest grade attended:</p> <p><input type="radio"/> Nursery school <input type="radio"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p><input type="radio"/> College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p><input type="radio"/> Never attended school — Skip question 10</p>	
<p>10. Did this person finish the highest grade (or year) attended?</p> <p>Fill one circle.</p>	<p><input type="radio"/> Now attending this grade (or year)</p> <p><input type="radio"/> Finished this grade (or year)</p> <p><input type="radio"/> Did not finish this grade (or year)</p>	<p><input type="radio"/> Now attending this grade (or year)</p> <p><input type="radio"/> Finished this grade (or year)</p> <p><input type="radio"/> Did not finish this grade (or year)</p>	
	CENSUS USE ONLY A. 0 1 0 N 0 0	CENSUS USE ONLY A. 0 1 0 N 0 0	

**NOW PLEASE ANSWER QUESTIONS H1—H12
FOR YOUR HOUSEHOLD**

PERSON in column 7

Last name _____ Middle initial _____

First name _____

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother
☐ Son/daughter ☐ Other relative
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative
☐ Partner, roommate
☐ Paid employee

☐ Male ☒ Female

☐ White ☐ Asian Indian
☐ Black or Negro ☐ Hawaiian
☐ Japanese ☐ Guamanian
☐ Chinese ☐ Samoan
☐ Filipino ☐ Eskimo
☐ Korean ☐ Aleut
☐ Vietnamese ☐ Other — Specify _____

Indian (Amer.) _____

Print tribe _____

a. Age at last birthday _____ c. Year of birth _____

b. Month of birth _____

☐ Jan.—Mar. ☐ Apr.—June
☐ July—Sept. ☐ Oct.—Dec.

☐ Now married ☐ Separated
☐ Widowed ☐ Never married
☐ Divorced

☐ No (not Spanish/Hispanic)
☐ Yes, Mexican, Mexican-Amer., Chicano
☐ Yes, Puerto Rican
☐ Yes, Cuban
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1
☐ Yes, public school, public college
☐ Yes, private, church-related
☐ Yes, private, not church-related

Highest grade attended:

☐ Nursery school ☐ Kindergarten

Elementary through high school (grade or year)

1 2 3 4 5 6 7 8 9 10 11 12

College (academic year)

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)
☐ Finished this grade (or year)
☐ Did not finish this grade (or year)

CENSUS USE ONLY A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?

- ☐ Yes — On page 20 give name(s) and reason left out.
☐ No

H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?

- ☐ Yes — On page 20 give name(s) and reason person is away.
☐ No

H3. Is anyone visiting here who is not already listed?

- ☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
☐ No

H4. How many living quarters, occupied and vacant, are at this address?

- ☐ One
☐ 2 apartments or living quarters
☐ 3 apartments or living quarters
☐ 4 apartments or living quarters
☐ 5 apartments or living quarters
☐ 6 apartments or living quarters
☐ 7 apartments or living quarters
☐ 8 apartments or living quarters
☐ 9 apartments or living quarters
☐ 10 or more apartments or living quarters
☐ This is a mobile home or trailer

H5. Do you enter your living quarters —

- ☐ Directly from the outside or through a common or public hall?
☐ Through someone else's living quarters?

H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?

- ☐ Yes, for this household only
☐ Yes, but also used by another household
☐ No, have some but not all plumbing facilities
☐ No plumbing facilities in living quarters

H7. How many rooms do you have in your living quarters?

Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

- ☐ 1 room ☐ 4 rooms ☐ 7 rooms
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

H8. Are your living quarters —

- ☐ Owned or being bought by you or by someone else in this household?
☐ Rented for cash rent?
☐ Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- ☐ No
☐ Yes, a condominium

H10. If this is a one-family house —

a. Is the house on a property of 10 or more acres?

- ☐ Yes ☐ No

b. Is any part of the property used as a commercial establishment or medical office?

- ☐ Yes ☐ No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- ☐ A mobile home or trailer
☐ A house on 10 or more acres
☐ A house with a commercial establishment or medical office on the property

- ☐ Less than \$10,000 ☐ \$50,000 to \$54,999
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999
☐ \$15,000 to \$19,999 ☐ \$60,000 to \$64,999
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999
☐ \$20,000 to \$24,999 ☐ \$70,000 to \$74,999
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- ☐ Less than \$50 ☐ \$160 to \$169
☐ \$50 to \$59 ☐ \$170 to \$179
☐ \$60 to \$69 ☐ \$180 to \$189
☐ \$70 to \$79 ☐ \$190 to \$199
☐ \$80 to \$89 ☐ \$200 to \$224
☐ \$90 to \$99 ☐ \$225 to \$249
☐ \$100 to \$109 ☐ \$250 to \$274
☐ \$110 to \$119 ☐ \$275 to \$299
☐ \$120 to \$129 ☐ \$300 to \$349
☐ \$130 to \$139 ☐ \$350 to \$399
☐ \$140 to \$149 ☐ \$400 to \$499
☐ \$150 to \$159 ☐ \$500 or more

FOR CENSUS USE ONLY

A4. Block number	A6. Serial number	B. Type of unit or quarters	C1. Is this unit for —	D. Months vacant	E. Total persons
		Occupied	For vacant units		
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> Less than 1 month	
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 1 up to 2 months	
		Vacant	C2. Vacancy status	<input type="radio"/> 2 up to 6 months	
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 6 up to 12 months	
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 1 year up to 2 years	
		Group quarters	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> 2 or more years	
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use		
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant		
			C3. Is this unit boarded up?	E. Indicators	
			<input type="radio"/> Yes <input type="radio"/> No	1. <input type="radio"/> Mail return	
				2. <input type="radio"/> Pop/F	

<p>H13. Which best describes this building? <i>Include all apartments, flats, etc., even if vacant.</i></p> <p> <input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc. </p>	<p>H21a. Which fuel is used most for house heating?</p> <p> <input type="radio"/> Gas: from underground pipes <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p>b. Which fuel is used most for water heating?</p> <p> <input type="radio"/> Gas: from underground pipes <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p> <p>c. Which fuel is used most for cooking?</p> <p> <input type="radio"/> Gas: from underground pipes <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. </p>	<p>CENSUS USE</p> <p>H22a.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H14a. How many stories (floors) are in this building? <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p> <input type="radio"/> 1 to 3 — Skip to H15 <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories </p> <p>b. Is there a passenger elevator in this building?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22b.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>	<p>H22c.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H15a. Is this building —</p> <p> <input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre! — Skip to H16 <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres? </p> <p>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</p> <p> <input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$50 to \$249 <input type="radio"/> \$250 to \$599 <input type="radio"/> \$600 to \$999 <input type="radio"/> \$1,000 to \$2,499 <input type="radio"/> \$2,500 or more </p>	<p>H22. What are the costs of utilities and fuels for your living quarters?</p> <p>a. Electricity</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Average monthly cost <input type="radio"/> Electricity not used </p> <p>b. Gas</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Average monthly cost <input type="radio"/> Gas not used </p> <p>c. Water</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Yearly cost </p> <p>d. Oil, coal, kerosene, wood, etc.</p> <p> <input type="radio"/> \$ _____ .00 OR <input type="radio"/> Included in rent or no charge <input type="radio"/> Yearly cost <input type="radio"/> These fuels not used </p>	<p>H22d.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H16. Do you get water from —</p> <p> <input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)? </p>	<p>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22e.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H17. Is this building connected to a public sewer?</p> <p> <input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means </p>	<p>H24. How many bedrooms do you have? <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p> <input type="radio"/> No bedroom <input type="radio"/> 1 bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 3 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 5 or more bedrooms </p>	<p>H22f.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1939 or earlier </p>	<p>H25. How many bathrooms do you have? <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms </p>	<p>H22g.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H19. When did the person listed in column 1 move into this house (or apartment)?</p> <p> <input type="radio"/> 1979 or 1980 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1949 or earlier <input type="radio"/> Always lived here </p>	<p>H26. Do you have a telephone in your living quarters?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>	<p>H22h.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>
<p>H20. How are your living quarters heated? <i>Fill one circle for the kind of heat used most.</i></p> <p> <input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <input type="radio"/> (Do not count electric heat pumps here) <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment </p>	<p>H27. Do you have air conditioning?</p> <p> <input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No </p> <p>H28. How many automobiles are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 automobile <input type="radio"/> 2 automobiles <input type="radio"/> 3 or more automobiles </p> <p>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</p> <p> <input type="radio"/> None <input type="radio"/> 1 van or truck <input type="radio"/> 2 vans or trucks <input type="radio"/> 3 or more vans or trucks </p>	<p>H22i.</p> <p> <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 </p>

FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- ☐ Yes, mortgage, deed of trust, or similar debt
- ☐ Yes, contract to purchase
- ☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- ☐ Yes
- ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- ☐ Yes, taxes included in payment
- ☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- ☐ Yes, insurance included in payment
- ☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

1	2	4	1	2	4	3	2	4
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
4	2	4	5	2	4	6	2	4
S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0	S.S.	0 0 0 0 0 0	0 0 0 0 0 0
Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1	Yes	1 1 1 1 1 1	1 1 1 1 1 1
No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2	No	2 2 2 2 2 2	2 2 2 2 2 2
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9
7	2	4	GQ	H30	H31	H32c		
S.S.	0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0		
Yes	1 1 1 1 1 1	1 1 1 1 1 1		1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1		
No	2 2 2 2 2 2	2 2 2 2 2 2		2 2 2 2 2 2	2 2 2 2 2 2	2 2 2 2 2 2		
	3 3 3 3 3 3	3 3 3 3 3 3		3 3 3 3 3 3	3 3 3 3 3 3	3 3 3 3 3 3		
	4 4 4 4 4 4	4 4 4 4 4 4		4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4		
	5 5 5 5 5 5	5 5 5 5 5 5		5 5 5 5 5 5	5 5 5 5 5 5	5 5 5 5 5 5		
	6 6 6 6 6 6	6 6 6 6 6 6		6 6 6 6 6 6	6 6 6 6 6 6	6 6 6 6 6 6		
	7 7 7 7 7 7	7 7 7 7 7 7		7 7 7 7 7 7	7 7 7 7 7 7	7 7 7 7 7 7		
	8 8 8 8 8 8	8 8 8 8 8 8		8 8 8 8 8 8	8 8 8 8 8 8	8 8 8 8 8 8		
	9 9 9 9 9 9	9 9 9 9 9 9		9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9		

Page 6

ANSWER THESE QUESTIONS FOR

Name of Person 1 on page 2 Last name First name Middle initial	16. When was this person born? <input type="radio"/> Born before April 1965 — Please go on with questions 17-33 <input type="radio"/> Born April 1965 or later — Turn to next page for next person	22a. Did this person work at any time last week? <input type="radio"/> Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.) <input type="radio"/> No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.																																																																																								
11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State. Name of State or foreign country, or Puerto Rico, Guam, etc.	17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? <input type="radio"/> Yes <input type="radio"/> No b. Attending college? <input type="radio"/> Yes <input type="radio"/> No c. Working at a job or business? <input type="radio"/> Yes, full time <input type="radio"/> No <input type="radio"/> Yes, part time	Skip to 25																																																																																								
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? <input type="radio"/> Yes, a naturalized citizen <input type="radio"/> No, not a citizen <input type="radio"/> Born abroad of American parents	18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? If service was in National Guard or Reserves only, see instruction guide. <input type="radio"/> Yes <input type="radio"/> No — Skip to 19	b. How many hours did this person work last week (at all jobs)? Subtract any time off; add overtime or extra hours worked. Hours																																																																																								
b. When did this person come to the United States to stay? <input type="radio"/> 1975 to 1980 <input type="radio"/> 1965 to 1969 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1960 to 1964 <input type="radio"/> Before 1950	b. Was active-duty military service during — Fill a circle for each period in which this person served. <input type="radio"/> May 1975 or later <input type="radio"/> Vietnam era (August 1964–April 1975) <input type="radio"/> February 1955–July 1964 <input type="radio"/> Korean conflict (June 1950–January 1955) <input type="radio"/> World War II (September 1940–July 1947) <input type="radio"/> World War I (April 1917–November 1918) <input type="radio"/> Any other time	23. At what location did this person work last week? If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see instruction guide. a. Address (Number and street) If street address is not known, enter the building name, shopping center, or other physical location description. b. Name of city, town, village, borough, etc.																																																																																								
13a. Does this person speak a language other than English at home? <input type="radio"/> Yes <input type="radio"/> No, only speaks English — Skip to 14 b. What is this language? (For example — Chinese, Italian, Spanish, etc.) c. How well does this person speak English? <input type="radio"/> Very well <input type="radio"/> Not well <input type="radio"/> Well <input type="radio"/> Not at all	19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ... a. Limits the kind or amount of work this person can do at a job? <input type="radio"/> Yes <input type="radio"/> No b. Prevents this person from working at a job? <input type="radio"/> Yes <input type="radio"/> No c. Limits or prevents this person from using public transportation? <input type="radio"/> Yes <input type="radio"/> No	c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area d. County																																																																																								
14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide. (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)	20. If this person is a female — How many babies has she ever had, not counting stillbirths? Do not count her stepchildren or children she has adopted. None 1 2 3 4 5 6 7 8 9 10 11 12 or more	e. State f. ZIP Code																																																																																								
15a. Did this person live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there. <input type="radio"/> Born April 1975 or later — Turn to next page for next person <input type="radio"/> Yes, this house — Skip to 16 <input type="radio"/> No, different house	21. If this person has ever been married — a. Has this person been married more than once? <input type="radio"/> Once <input type="radio"/> More than once b. Month and year of marriage? Month and year of first marriage? (Month) (Year) (Month) (Year) c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? <input type="radio"/> Yes <input type="radio"/> No	24a. Last week, how long did it usually take this person to get from home to work (one way)? Minutes b. How did this person usually get to work last week? If this person used more than one method, give the one usually used for most of the distance. <input type="radio"/> Car <input type="radio"/> Taxicab <input type="radio"/> Truck <input type="radio"/> Motorcycle <input type="radio"/> Van <input type="radio"/> Bicycle <input type="radio"/> Bus or streetcar <input type="radio"/> Walked only <input type="radio"/> Railroad <input type="radio"/> Worked at home <input type="radio"/> Subway or elevated <input type="radio"/> Other — Specify																																																																																								
b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country, Puerto Rico, Guam, etc.: (2) County: (3) City, town, village, etc.: (4) Inside the incorporated (legal) limits of that city, town, village, etc? <input type="radio"/> Yes <input type="radio"/> No, in unincorporated area	FOR CENSUS USE ONLY <table border="1"> <tr> <th>Per. No.</th> <th>11.</th> <th>13b.</th> <th>14.</th> <th>15b.</th> <th>23.</th> <th>VL</th> <th>24a.</th> </tr> <tr> <td>1</td> <td>0 0 0</td> <td>0 0 0</td> <td>0 0 0 0 0 0</td> <td>0 0 0 0 0 0</td> <td>0 0 0 0 0 0</td> <td>0</td> <td>0 0</td> </tr> <tr> <td>2</td> <td>1 1 1</td> <td>1 1 1</td> <td>1 1 1 1 1 1</td> <td>1 1 1 1 1 1</td> <td>1 1 1 1 1 1</td> <td>1</td> <td>1 1</td> </tr> <tr> <td>3</td> <td>2 2 2</td> <td>2 2 2</td> <td>2 2 2 2 2 2</td> <td>2 2 2 2 2 2</td> <td>2 2 2 2 2 2</td> <td>2</td> <td>2 2</td> </tr> <tr> <td>4</td> <td>3 3 3</td> <td>3 3 3</td> <td>3 3 3 3 3 3</td> <td>3 3 3 3 3 3</td> <td>3 3 3 3 3 3</td> <td>3</td> <td>3 3</td> </tr> <tr> <td>5</td> <td>4 4 4</td> <td>4 4 4</td> <td>4 4 4 4 4 4</td> <td>4 4 4 4 4 4</td> <td>4 4 4 4 4 4</td> <td>4</td> <td>4 4</td> </tr> <tr> <td>6</td> <td>5 5 5</td> <td>5 5 5</td> <td>5 5 5 5 5 5</td> <td>5 5 5 5 5 5</td> <td>5 5 5 5 5 5</td> <td>5</td> <td>5 5</td> </tr> <tr> <td>7</td> <td>6 6 6</td> <td>6 6 6</td> <td>6 6 6 6 6 6</td> <td>6 6 6 6 6 6</td> <td>6 6 6 6 6 6</td> <td>6</td> <td>6 6</td> </tr> <tr> <td>8</td> <td>7 7 7</td> <td>7 7 7</td> <td>7 7 7 7 7 7</td> <td>7 7 7 7 7 7</td> <td>7 7 7 7 7 7</td> <td>7</td> <td>7 7</td> </tr> <tr> <td>9</td> <td>8 8 8</td> <td>8 8 8</td> <td>8 8 8 8 8 8</td> <td>8 8 8 8 8 8</td> <td>8 8 8 8 8 8</td> <td>8</td> <td>8 8</td> </tr> <tr> <td>0</td> <td>9 9 9</td> <td>9 9 9</td> <td>9 9 9 9 9 9</td> <td>9 9 9 9 9 9</td> <td>9 9 9 9 9 9</td> <td>9</td> <td>9 9</td> </tr> </table>		Per. No.	11.	13b.	14.	15b.	23.	VL	24a.	1	0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0	0 0	2	1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1	1 1	3	2 2 2	2 2 2	2 2 2 2 2 2	2 2 2 2 2 2	2 2 2 2 2 2	2	2 2	4	3 3 3	3 3 3	3 3 3 3 3 3	3 3 3 3 3 3	3 3 3 3 3 3	3	3 3	5	4 4 4	4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	4	4 4	6	5 5 5	5 5 5	5 5 5 5 5 5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5	7	6 6 6	6 6 6	6 6 6 6 6 6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6	8	7 7 7	7 7 7	7 7 7 7 7 7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7	9	8 8 8	8 8 8	8 8 8 8 8 8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8	0	9 9 9	9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9
Per. No.	11.	13b.	14.	15b.	23.	VL	24a.																																																																																			
1	0 0 0	0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0	0	0 0																																																																																			
2	1 1 1	1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1	1	1 1																																																																																			
3	2 2 2	2 2 2	2 2 2 2 2 2	2 2 2 2 2 2	2 2 2 2 2 2	2	2 2																																																																																			
4	3 3 3	3 3 3	3 3 3 3 3 3	3 3 3 3 3 3	3 3 3 3 3 3	3	3 3																																																																																			
5	4 4 4	4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	4 4 4 4 4 4	4	4 4																																																																																			
6	5 5 5	5 5 5	5 5 5 5 5 5	5 5 5 5 5 5	5 5 5 5 5 5	5	5 5																																																																																			
7	6 6 6	6 6 6	6 6 6 6 6 6	6 6 6 6 6 6	6 6 6 6 6 6	6	6 6																																																																																			
8	7 7 7	7 7 7	7 7 7 7 7 7	7 7 7 7 7 7	7 7 7 7 7 7	7	7 7																																																																																			
9	8 8 8	8 8 8	8 8 8 8 8 8	8 8 8 8 8 8	8 8 8 8 8 8	8	8 8																																																																																			
0	9 9 9	9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	9	9 9																																																																																			

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work last week, did this person usually —</p> <p>○ Drive alone — Skip to 28 ○ Drive others only</p> <p>○ Share driving ○ Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van last week?</p> <p>○ 2 ○ 4 ○ 6</p> <p>○ 3 ○ 5 ○ 7 or more</p> <p>After answering 24d, skip to 28.</p>	<p>CENSUS USE</p> <p>21b.</p> <p>I ○ ○ ○</p> <p>○ I 1</p> <p>II 3 3</p> <p>○ 4 4</p> <p>III 5 5</p> <p>○ 6 6</p> <p>IV 7 7</p> <p>○ 8 8</p> <p>○ 9 9</p>	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p>○ Yes ○ No — Skip to 31d</p> <p>b. How many weeks did this person work in 1979?</p> <p>Count paid vacation, paid sick leave, and military service.</p> <p>Weeks</p> <p>c. During the weeks worked in 1979, how many hours did this person usually work each week?</p> <p>Hours</p>	<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p>
<p>25. Was this person temporarily absent or on layoff from a job or business last week?</p> <p>○ Yes, on layoff</p> <p>○ Yes, on vacation, temporary illness, labor dispute, etc.</p> <p>○ No</p> <p>26a. Has this person been looking for work during the last 4 weeks?</p> <p>○ Yes ○ No — Skip to 27</p> <p>b. Could this person have taken a job last week?</p> <p>○ No, already has a job</p> <p>○ No, temporarily ill</p> <p>○ No, other reasons (in school, etc.)</p> <p>○ Yes, could have taken a job</p>	<p>22b.</p> <p>I 1</p> <p>2 2</p> <p>3 3</p> <p>4 4</p> <p>5 5</p> <p>6 6</p> <p>7 7</p> <p>8 8</p> <p>9 9</p>	<p>d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p>Weeks</p> <p>32. Income in 1979 —</p> <p>Fill circles and print dollar amounts.</p> <p>If net income was a loss, write "Loss" above the dollar amount. If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.</p> <p>During 1979 did this person receive any income from the following sources?</p> <p>If "Yes" to any of the sources below — How much did this person receive for the entire year?</p>	<p>32a. 32b.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p>
<p>27. When did this person last work, even for a few days?</p> <p>○ 1980 ○ 1978 ○ 1970 to 1974</p> <p>○ 1979 ○ 1975 to 1977 ○ 1969 or earlier</p> <p>○ Never worked</p> <p>28–30. Current or most recent job activity</p> <p>Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.</p> <p>If this person had no job or business last week, give information for last job or business since 1975.</p>	<p>28.</p> <p>A B C</p> <p>○ ○ ○</p> <p>D E F</p> <p>○ ○ ○</p> <p>G H J</p> <p>○ ○ ○</p> <p>K L M</p> <p>○ ○ ○</p> <p>N P Q</p> <p>○ ○ ○</p> <p>R S T</p> <p>○ ○ ○</p> <p>U V W</p> <p>○ ○ ○</p> <p>X Y Z</p> <p>○ ○ ○</p>	<p>a. Wages, salary, commissions, bonuses, or tips from all jobs ... Report amount before deductions for taxes, bonds, dues, or other items.</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>b. Own nonfarm business, partnership, or professional practice ... Report net income after business expenses.</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>c. Own farm ... Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>d. Interest, dividends, royalties, or net rental income ... Report even small amounts credited to an account.</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>e. Social Security or Railroad Retirement ...</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments ...</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly ...</p> <p>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</p> <p>○ Yes → \$ _____ 00</p> <p>○ No (Annual amount — Dollars)</p>	<p>32c. 32d.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p>
<p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this?</p> <p>Describe the activity at location where employed.</p> <p>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill in a circle)</p> <p>Manufacturing Retail trade</p> <p>Wholesale trade Other — (agriculture, construction, service, government, etc.)</p>	<p>AF</p> <p>NW</p>	<p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.</p> <p>If total amount was a loss, write "Loss" above amount.</p> <p>\$ _____ 00</p> <p>(Annual amount — Dollars)</p>	<p>33.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p>
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>	<p>29.</p> <p>N P Q</p> <p>○ ○ ○</p> <p>R S T</p> <p>○ ○ ○</p> <p>U V W</p> <p>○ ○ ○</p> <p>X Y Z</p> <p>○ ○ ○</p>	<p>30. Was this person — (Fill in a circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions</p> <p>Federal government employee</p> <p>State government employee</p> <p>Local government employee (city, county, etc.)</p> <p>Self-employed in own business, professional practice, or farm</p> <p>Own business not incorporated</p> <p>Own business incorporated</p> <p>Working without pay in family business or farm</p>	<p>32e. 32f.</p> <p>○ ○ ○ ○ ○ ○ ○ ○</p> <p>1 1 1 1 1 1 1 1</p> <p>2 2 2 2 2 2 2 2</p> <p>3 3 3 3 3 3 3 3</p> <p>4 4 4 4 4 4 4 4</p> <p>5 5 5 5 5 5 5 5</p> <p>6 6 6 6 6 6 6 6</p> <p>7 7 7 7 7 7 7 7</p> <p>8 8 8 8 8 8 8 8</p> <p>9 9 9 9 9 9 9 9</p>

→ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

GENERAL.....	F-1
PUBLICATIONS.....	F-1
Population and Housing Census Reports.....	F-1
PHC80-1, Block Statistics.....	F-1
PHC80-2, Census Tracts.....	F-2
PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas.....	F-2
PHC80-4, Congressional Districts of the 98th Congress.....	F-2
PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics.....	F-2
PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics.....	F-2
Population Census Reports.....	F-2
PC80-1, Volume 1, Characteristics of the Population.....	F-2
PC80-1-A, Chapter A, Number of Inhabitants.....	F-2
PC80-1-B, Chapter B, General Population Characteristics.....	F-2
PC80-1-C, Chapter C, General Social and Economic Characteristics.....	F-3
PC80-1-D, Chapter D, Detailed Population Characteristics.....	F-3
PC80-2, Volume 2, Subject Reports.....	F-3
PC80-S1, Supplementary Reports.....	F-3
Housing Census Reports.....	F-3
HC80-1, Volume 1, Characteristics of Housing Units.....	F-3
HC80-1-A, Chapter A, General Housing Characteristics.....	F-3
HC80-1-B, Chapter B, Detailed Housing Characteristics.....	F-3
HC80-2, Volume 2, Metropolitan Housing Characteristics.....	F-3
HC80-3, Volume 3, Subject Reports.....	F-3
HC80-4, Volume 4, Components of Inventory Change.....	F-3

PUBLICATIONS—Con.

HC80-5, Volume 5, Residential Finance.....	F-4
HC80-S1-1, Supplementary Reports.....	F-4
Evaluation and Reference Reports.....	F-4
PHC80-E, Evaluation and Research Reports.....	F-4
PHC80-R, Reference Reports.....	F-4
PHC80-R1, Users' Guide.....	F-4
PHC80-R2, History.....	F-4
PHC80-R3, Alphabetical Index of Industries and Occupations.....	F-4
PHC80-R4, Classified Index of Industries and Occupations.....	F-4
PHC80-R5, Geographic Identification Code Scheme.....	F-4

COMPUTER TAPES

Summary Tape Files.....	F-4
STF 1.....	F-4
STF 2.....	F-4
STF 3.....	F-4
STF 4.....	F-5
STF 5.....	F-5
Other Computer Tape Files.....	F-5
P.L. 94-171, Population Counts.....	F-5
Master Area Reference Files 1 and 2 (MARF).....	F-5
Geographic Base File/Dual Independent Map Encoding (GBF/DIME).....	F-5
Public-Use Microdata Samples.....	F-5
Census/EEO Special File.....	F-5

MAPS.....

MICROFICHE.....	F-5
STF 1 Microfiche.....	F-5
STF 3 Microfiche.....	F-5
P.L. 94-171 Counts Microfiche.....	F-5

GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special subsample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PHC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PHC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PHC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by 'inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the *PHC80-R1, Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the *PHC80-1, PHC80-3* (complete-count), and *PC80-1-A* reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the *PHC80-2* (complete-count), *PC80-1-B*, and *HC80-1-A* reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the *PHC80-3* (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

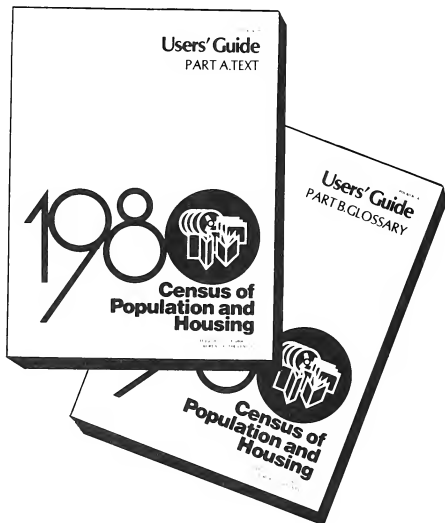
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- **Part A. Text**—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- **Part B. Glossary**—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- **Sources of Assistance**—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- **Updates**—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Official Business

Penalty for Private Use, \$300



POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-202

Special Fourth-Class
Rate—Book



CB Bureau of the Census Library



5 0673 01033192 7